ECOi EX. The Game Changer

VRF with outstanding energy-saving performance and powerful operation SEER 7,56 (2-Pipe 18 HP model).

A game-changing VRF system delivering energy-saving performance, powerful operation, reliability and comfort surpassing anything previously possible.
It represents a true paradigm shift in air conditioning solutions. Taking quality to the extreme — that's the Panasonic challenge.

1 High performance at extreme conditions

ECOi EX is highly reliable, with strong cooling and heating power, even when operating at extreme ambient temperatures. The units can operate at 100 % of capacity at 43 °C, reaching a great cooling operation up to 52 °C and in heating -25 °C*.
Also, the ECOi EX features include Bluefin in newly designed heat exchanger improving efficiency as well in marine ambient. A silicone coated PCB (Printed Circuit Board) protects the unit from being damaged by environmental factors such as moisture and dust.

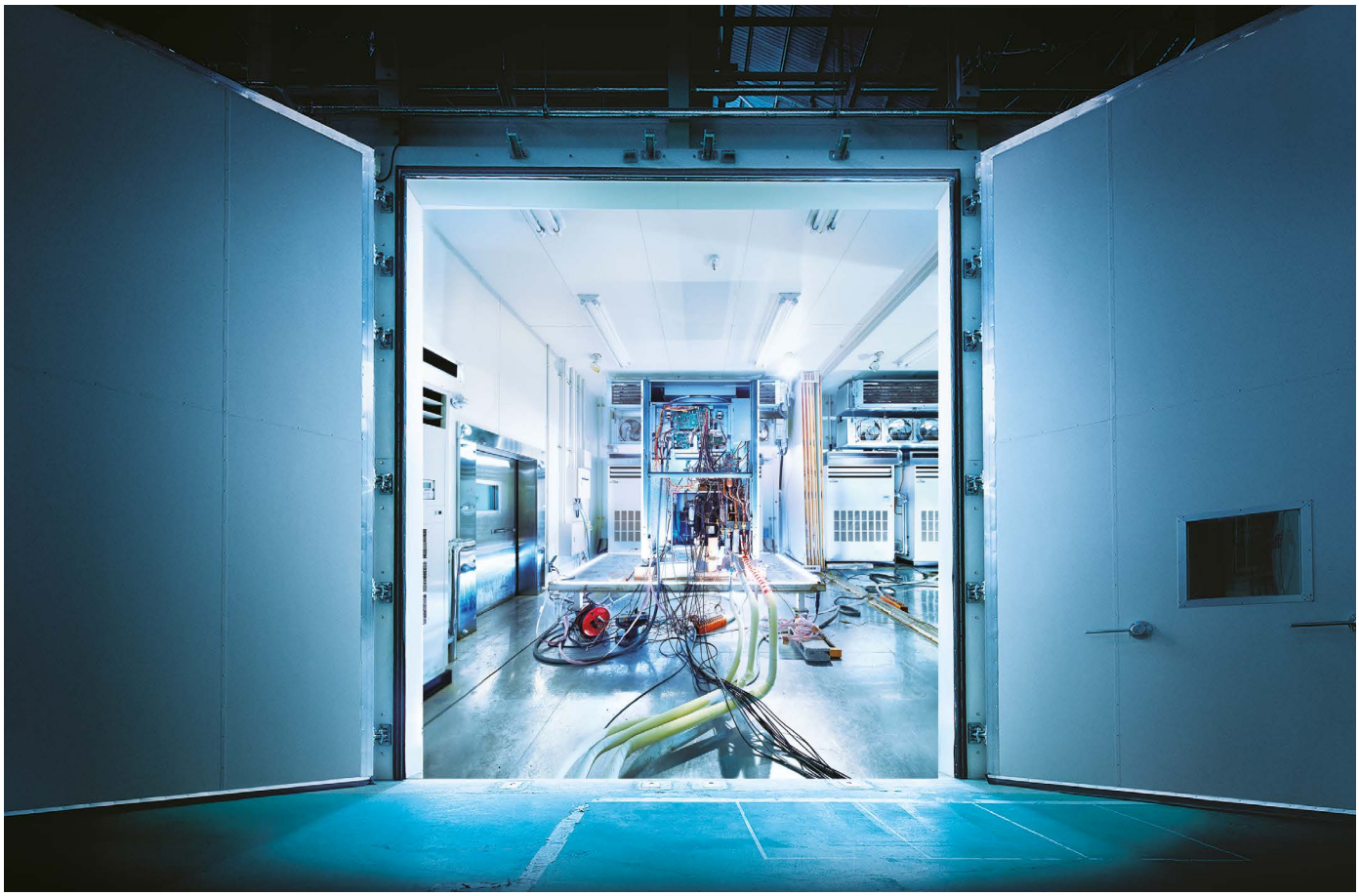
2 Outstanding efficiency and comfort

The new ECOi EX system is designed to increase energy efficiency by delivering high SEER rating, as well as high efficiency for part-load operations.
The system has reduced energy costs thanks to "All-Inverter Compressors", with independent control to deliver highly flexible performance. Also, the ECOi EX features an enlarged heat exchanger with triple surfaces that allow for improved heat transfer and a newly designed curved air discharge bell-mouth for better aerodynamics. The three-stage oil recovery design makes it able to minimise the frequency of forced oil recovery, leading to reduced energy costs and sustained comfort.

3 Superior flexibility

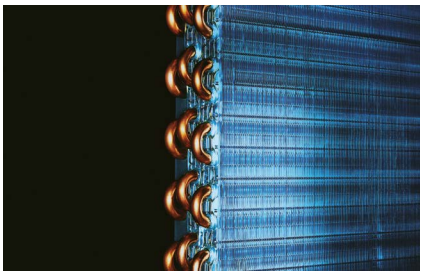
With its up to 1000* meters of pipeline, its maximum 30 meters height difference between indoor units and maximum 90 meters between outdoor unit and indoor unit, the design possibilities have grown exponentially making the new ECOi EX the ideal air conditioning option for expansive buildings, such as train stations, airports, schools or hospitals. These advantages are enhanced with the wide range of indoor unit models and capacities facilitating the perfect adaptation to all kind of projects. The careful selection of controls and peripherals such as the Pump Down, the AHU and/or the chiller, enables an optimum system use.
Maximum allowable indoor / outdoor connected capacity ratio of up to 200 %*.

* Conditions of 2-Pipe ECOi EX ME2 Series.



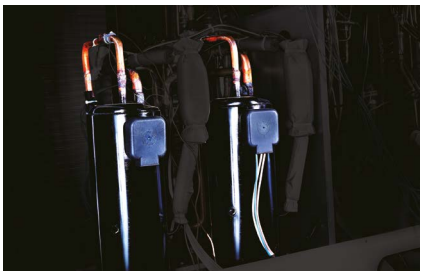
TOP efficiency and comfort

Remarkable improvement on key components: extraordinary energy-saving performance and redesigned for smooth and better air discharge.



Enlarged heat exchanger surface area with triple surface.

* For 8 and 10 HP unit, the heat exchanger is 2 row design.



Multiple large-capacity all inverter compressors (more than 14 HP).

Newly designed curved air discharge bell mouth for better aerodynamics.

Improvements on refrigerant circuit

Compressor.
Redesigned components in the body provide performance improvement especially in the rated cooling condition and AEER performance.

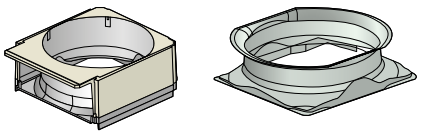
Accumulator.
New oil returning circuit with control valve makes efficient oil recovery to compressor.

Oil separator.
Modified tank design makes efficient oil separation with less pressure drop.

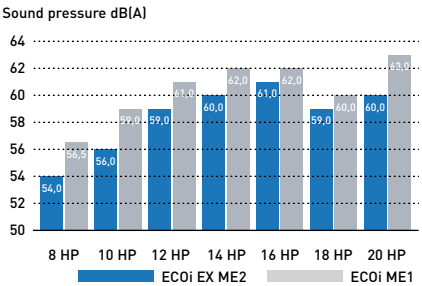
Receiver tank less design
Improved refrigerant control program recovers the remaining refrigerant gas in the system back to the accumulator tank effectively.

Smooth exhaust flow by new bell-mouth

The new curved shape with integrated top and bottom assure smooth exhaust flow.
This gives more air-volume with same sound level, less input power at same air volume.



Conventional model (ME1) New model (ME2)



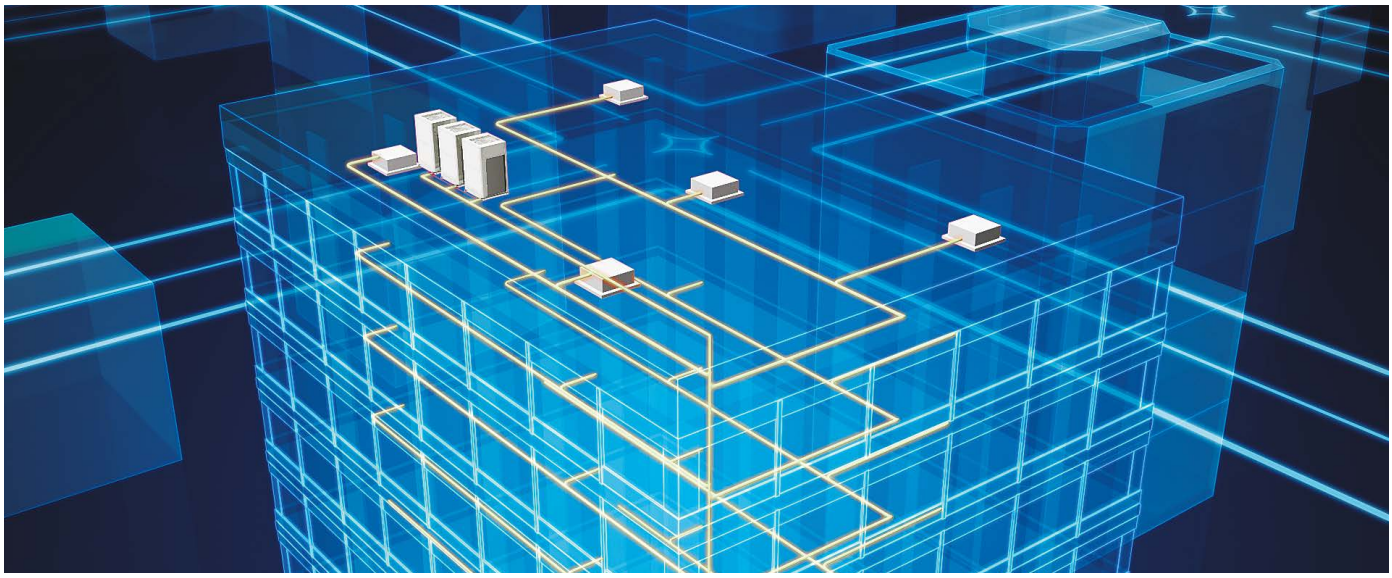
Combined 3 surface heat exchanger

The highly efficient piping pattern increases heat exchange performance by 5 %.
The new heat exchanger features a 3 surface construction.
Compared to the divided dual-surface construction in current models, there is no divided space and the face area of heat exchanger becomes larger.

Conventional model (ME1) New model (ME2)

Oil recovery intelligent control

Oil recovery intelligent control advantages:
1. Higher efficiency
2. Durability
3. Comfort: continuous operation, low noise and low vibration



Intelligent 3-stage oil management system

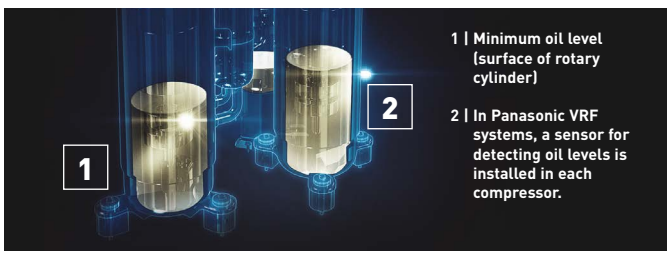
In a VRF system, where lengthy piping and a large number of indoor units need to be controlled collectively, the key to maintaining the system's reliability is to ensure an appropriate amount of oil is secured in the compressors. In order to avoid oil shortage in the compressor, maximum operation is normally forcibly conducted at regular intervals to recover oil from indoor units. This method, typically employed in a standard VRF, causes the system to overheat or overcool and thus waste energy.
In Panasonic VRF systems, a sensor for detecting oil levels is mounted in each compressor. In installations with multiple outdoor units, a shortage of oil in one compressor can be compensated for by recovering oil either from another compressor in the same unit, from a compressor in an adjacent outdoor unit, or from a connected indoor unit. Panasonic VRF systems provide users with a comfortable environment whilst saving energy.

The Panasonic system efficiently manages oil recovery in three stages; minimising the frequency of forced oil recovery while reducing energy cost and maintaining comfort.

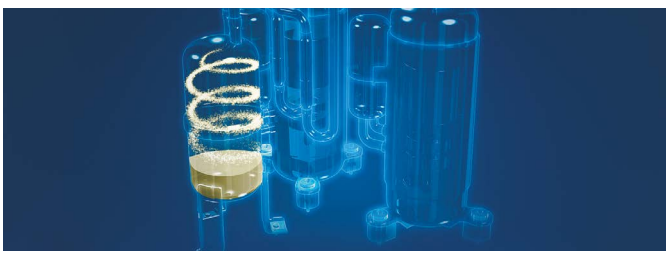
STAGE-1: Panasonic compressors are equipped with sensors which monitor oil levels precisely at all times. If oil levels fall, oil can be transferred from other compressors within the same outdoor unit.
STAGE-2: If oil levels in all compressors within the outdoor unit fall, oil can be replenished from adjacent outdoor units.
STAGE-3: Forced oil recovery is implemented only if oil levels become insufficient in spite of above measures. The Panasonic system's design concept is radically different from conventional oil systems.

Features of oil recovery design

Oil sensors installed in each compressor.
Oil sensors installed in each Panasonic compressor precisely monitor oil levels, eliminating unnecessary oil recovery.



Highly functional oil separator.
Thanks to extended separate piping, oil recovery efficiency reaches 90 %, minimising the oil to be discharged from the compressor.



Twin rotary Inverter compressor

New twin rotary inverter compressor

Two independently controlled inverter compressors achieve high efficiency. Redesigned components in the body provide performance improvement especially in the rated cooling condition and EER performance.

· Wider and flexible control on Inverter compressor
· Better oil lubrication
· Smooth start up

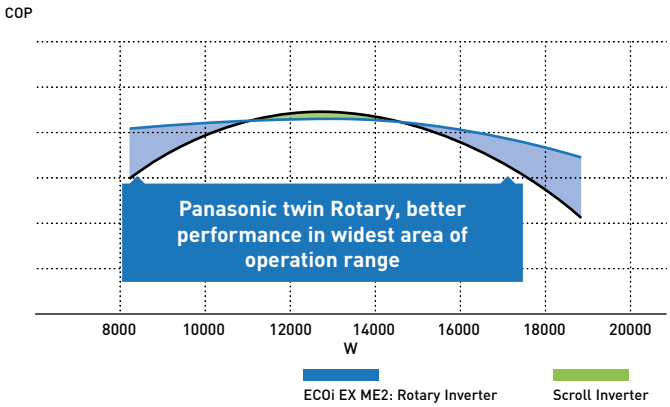
Extraordinary energy-saving performance

Designed for Actual Operation Performance. Panasonic builds air conditioning systems not only with a high EER for rated operation, but also with Seasonal-EER appropriate to the customer's actual environment of use. For instance, with rated operation, outdoor temperature is constant at 35 °C, but in reality the outdoor temperature is continuously changing. Consequently, required air conditioning performance also changes. That's why Panasonic implements the following kind of proprietary control.

1 | Set temperature is rapidly attained; full-load operating time is kept to a minimum.
2 | The frequency of forced oil recovery is minimised. The volume of oil within the compressors is monitored precisely by sensors, so forced oil recovery under full-load operation is conducted only when necessary. Since this suppresses noise due to oil recovery, comfort is maintained.
3 | Panasonic pursues a high EER, of course, as well as high EER in part load, for energy saving performance under a broad range of loads.

Panasonic's design concept contributes to substantial energy cost reductions.

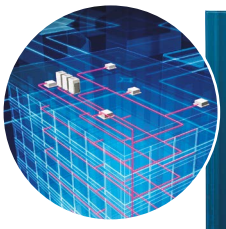
Compressor efficiency electric system VRF.

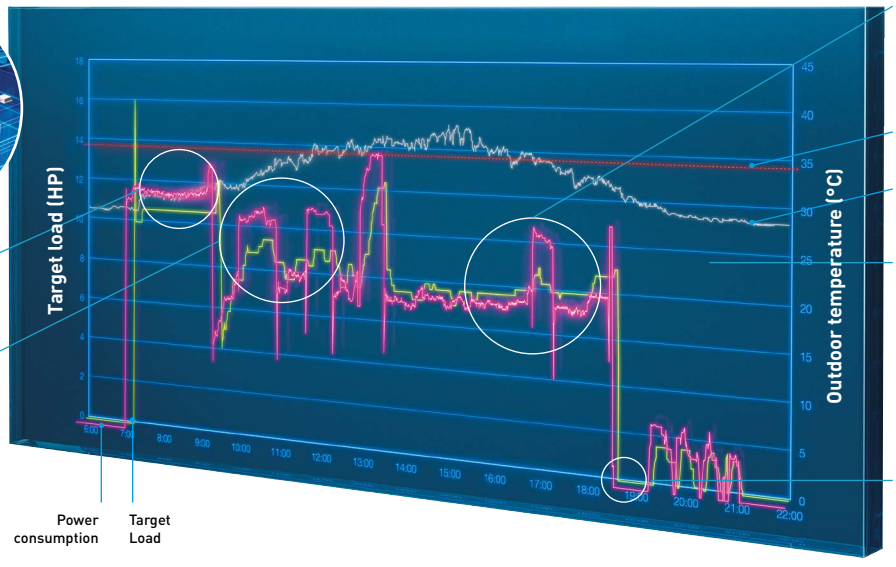


Number of Inverter compressors.

	2-Pipe ECOi EX ME2							3-Pipe ECOi EX MF3				
Size	**Small**		**Medium**			**Large**		**Medium**				
HP	8	10	12	14	16	18	20	8	10	12	14	16
Number	1 pc.		1 pc.	2 pcs.		2 pcs.		1 pc.			2 pcs.	

Actual operation data graph of Panasonic VRF





Rapidly reaches set temperature full-load operation duration minimised

Load increased as required for a given outdoor temperature increase to maintain the set temperature

Actual performance data of Panasonic VRF installed in Asia. Simulated conditions. Location: Panasonic building in Malaysia. System: One 16 HP outdoor unit, 4 Cassette-type indoor units.

Set temperature maintained with minimum load operation

Rated outdoor condition

Actual outdoor temperature

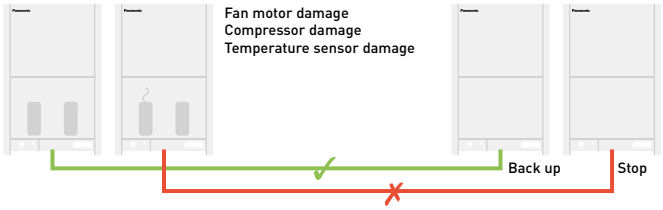
Thanks to superior oil management, oil recovery is minimised, contributing to reduced energy use and costs

When outdoor temperature drops, operation is immediately stopped

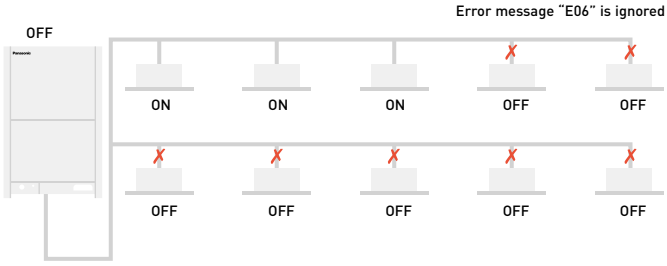
Superior quality, reliability and durability

High safety operation in case of breakdown!

Automatic Back-Up operation. Ensures heating and cooling.
It is possible for the system to keep working, even if the compressors, fan motor and the temperature sensor are damaged (even when a compressor fails in single unit with 2 compressors inside).



The system will still operate up to 25 % of the connected indoor units.
System will not stop when up to 25 % of indoor units have power supply breakdown when they are ON Mode.

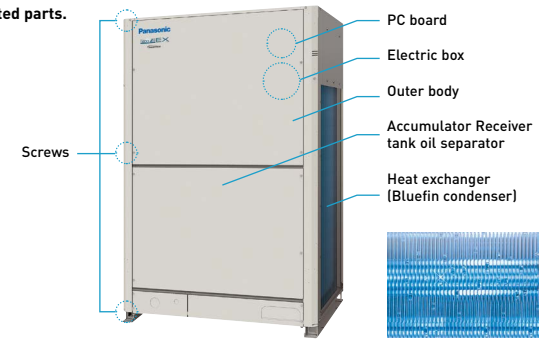


Hi-durability outdoor unit

Treated for high resistance to corrosion (rust and salty air) to ensure long-lasting performance.

Note: Selecting this unit does not completely eliminate the possibility of rust developing. For details concerning unit installation and maintenance, please consult an authorised dealer.

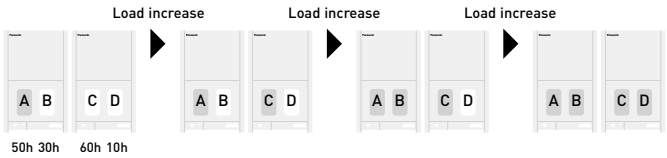
Specially protected parts.



Extended compressor life by uniform compressor operation time

The total run-time of compressors are monitored by a built-in microcomputer, which ensures that operation times of all compressors within the same refrigerant circuit are balanced.
Compressors with histories showing shorter run times are selected first, ensuring equal wear and tear across all units and extending the working life of the system.

System example.
A,C: DC inverter compressor
B,D: Constant speed compressor



* Depend on accumulated operation time of each compressors.
* Compressor priority has possibility to be changed.
(e.g) Case 1: A→C→B→D, Case 2: C→A→D→B, Case 3: A→C→D→B, Case 4: C→A→B→D
* Also other cases available.

A large number of indoor unit models can be connected

2-Pipe ECOi EX ME2 Series extraordinary partial load and SEER/SCOP

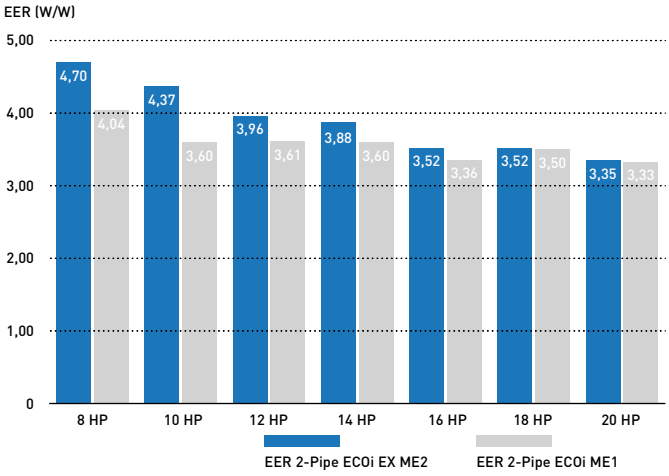
Efficiency in VRF systems

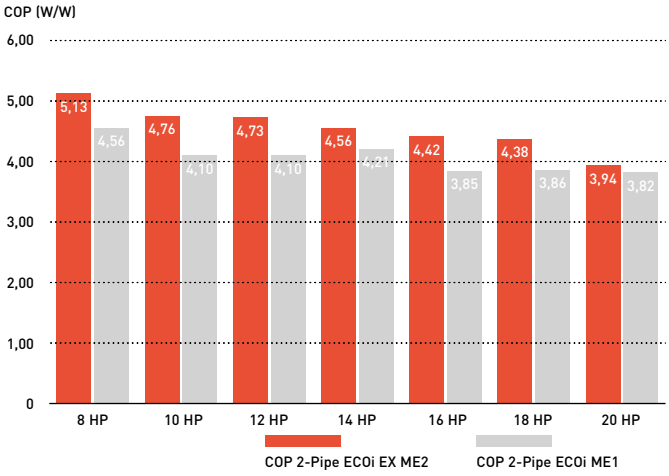
The only way to compare so far, was the nominal efficiency at outdoor ambient temperature of 35 °C (EER) in Cooling and at 7 °C in heating (COP). With new EN-14825 seasonal efficiency will be shown, the result will be SEER and SCOP. New ECOi EX is reaching excellent performance without using any additional saving functions.

The highest EER/COP rating in most capacities

Compared to conventional model ECOi (ME1)

The ECOi EX marks a revolutionary step forward in VRF efficiency. A look at the incredible EER/COP value clearly indicates that. What's more, this high EER/COP value is achieved even during part load operation. This shows the extraordinary energy-saving performance the ECOi EX is capable of providing.



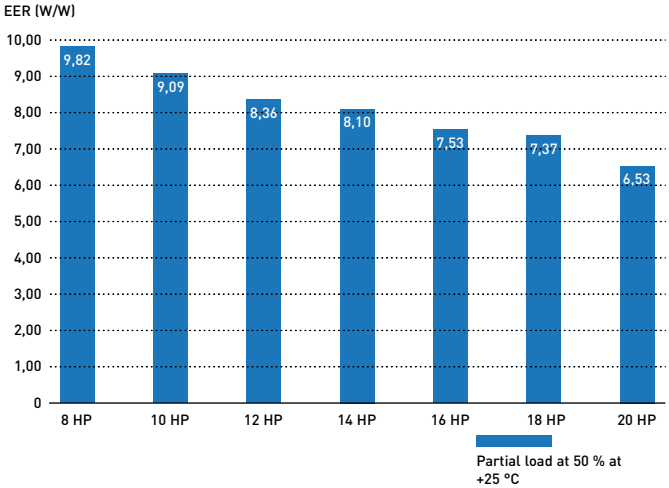


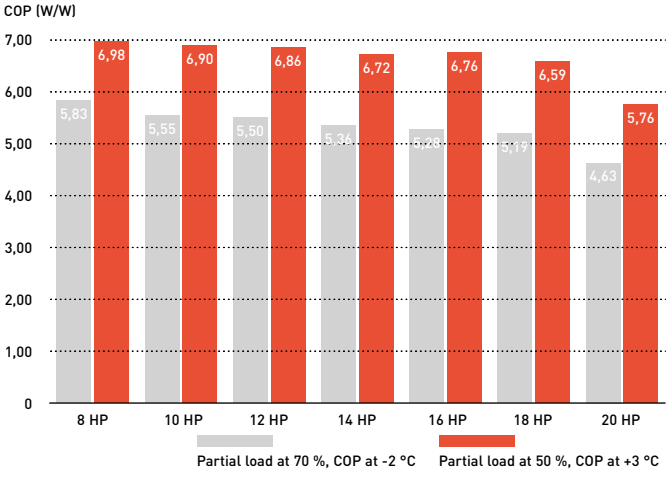
Partial load for seasonal and real system efficiency

VRF units are designed to adapt to the heating and cooling demand, adapting its performance to different outdoor conditions. When compressor runs at lower than 100 % capacity, the system is working at partial load. A wider compressor operating range results in better system performance both at full load and partial load conditions. Panasonic ECOi EX partial load is excellent, reaching a minimum of 15 % of compressor capacity.

Excellent efficiency at any condition and partial load

In both heating and cooling mode, Panasonic ECOi EX is reaching exceptional levels of efficiency.

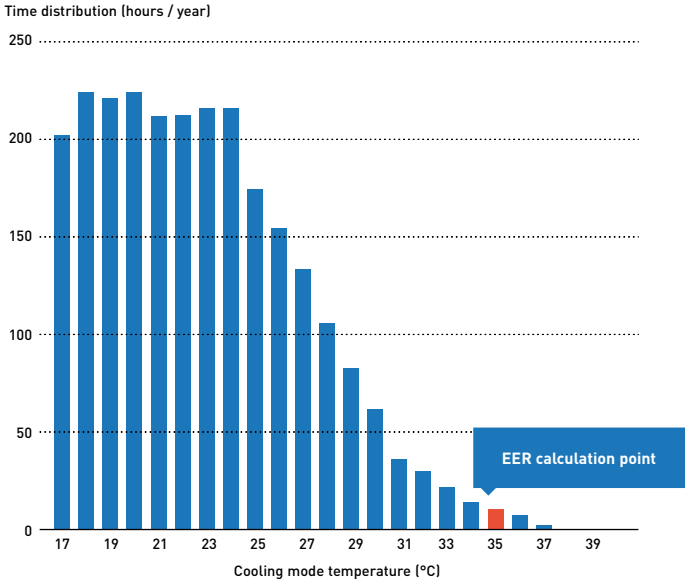




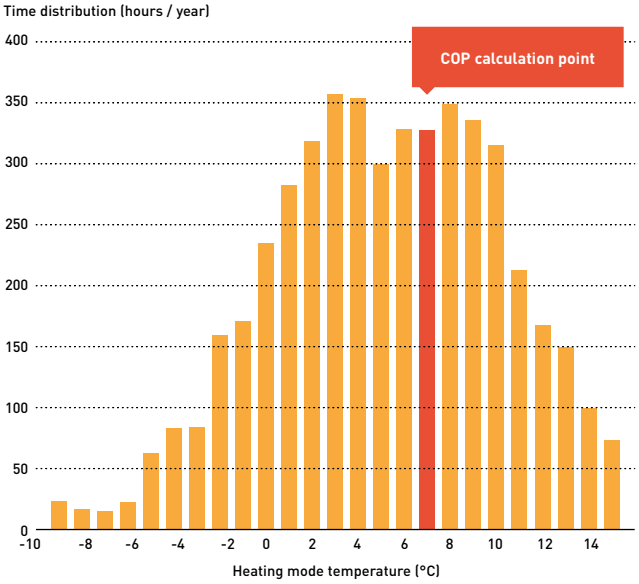
SEER and SCOP following to EN-14825

When better partial load, better efficiency is achieved in real operation. New EN-14825 is showing the way to calculate considering full year operation hours at different conditions. New Panasonic ECOi EX is designed to save energy in any partial load conditions. Most of operation hours system is under partial load conditions, 80 % of total operation hours is less than 70 % of full load.
In below graphs is the example for average ambient conditions, this uses Strasbourg ambient conditions for calculation.

Outside temperature distribution



Outside temperature distribution



In the characteristics EER and COP only a single temperature for the assessment of the efficiency is taken as a basis in each case. Data calculated under EN-14825 conditions, not additional saving function considered for this calculation.
Compressor frequency according to ambient temperature and building design.

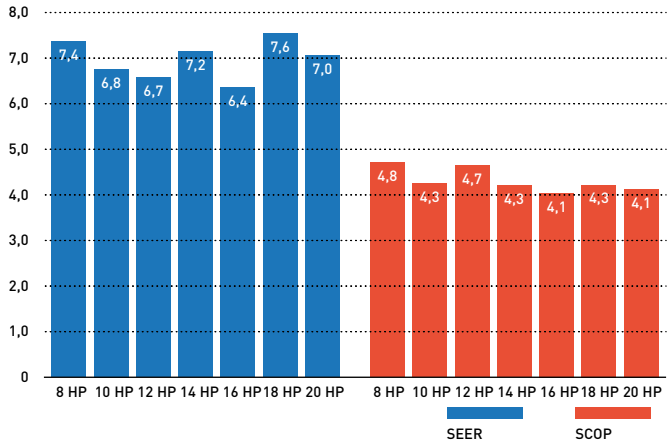
SEER and SCOP values

ECOi EX models have superior seasonal space cooling/ heating efficiency following not only EN 14825 but also COMMISSION REGULATION (EU) 2016/2281. This regulation requires to use "η" values in the technical documents from January 2018.

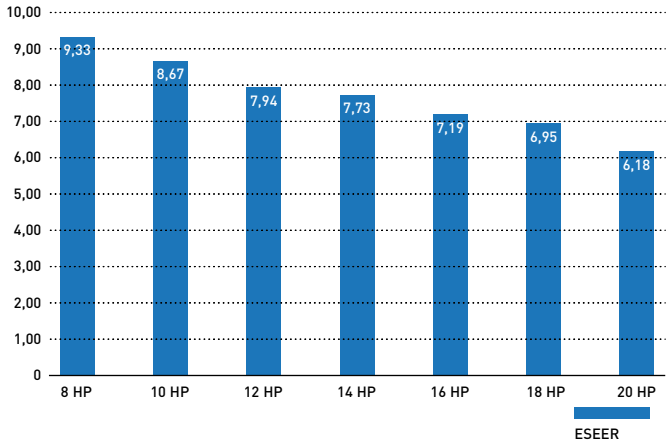
Please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

However, if it was necessary by setting on commissioning Panasonic, can increase efficiency additionally by "20 %" increasing evaporation refrigerant temperature range, for a higher efficiency and lower energy consumption.

SEER / SCOP



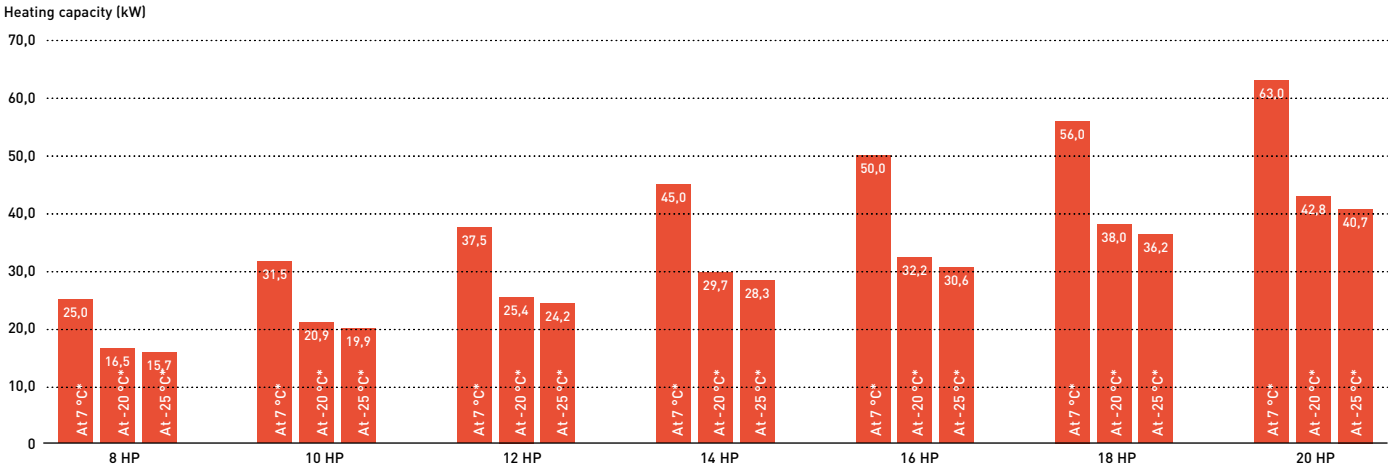
ESEER (W/W)



2-Pipe ECOi EX ME2 Series high performance at extreme conditions

The ECOi EX can still operate at 100 % capacity when the outside temperature is as high as 43 °C. This high power capability enables reliable operation even under extremely high temperature conditions.

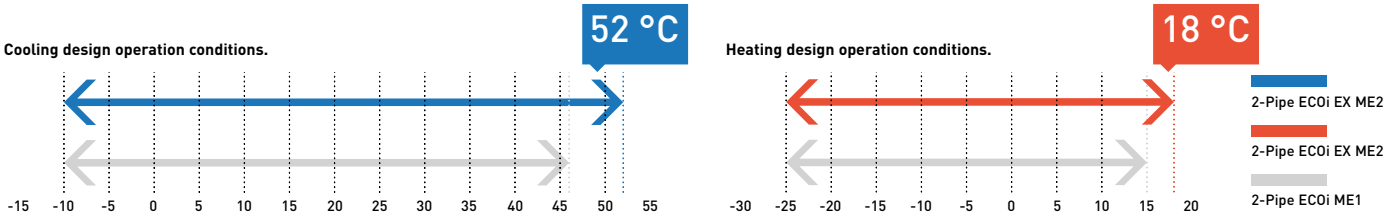
Extremely high capacity at -20 °C and unique heating capacity at -25 °C



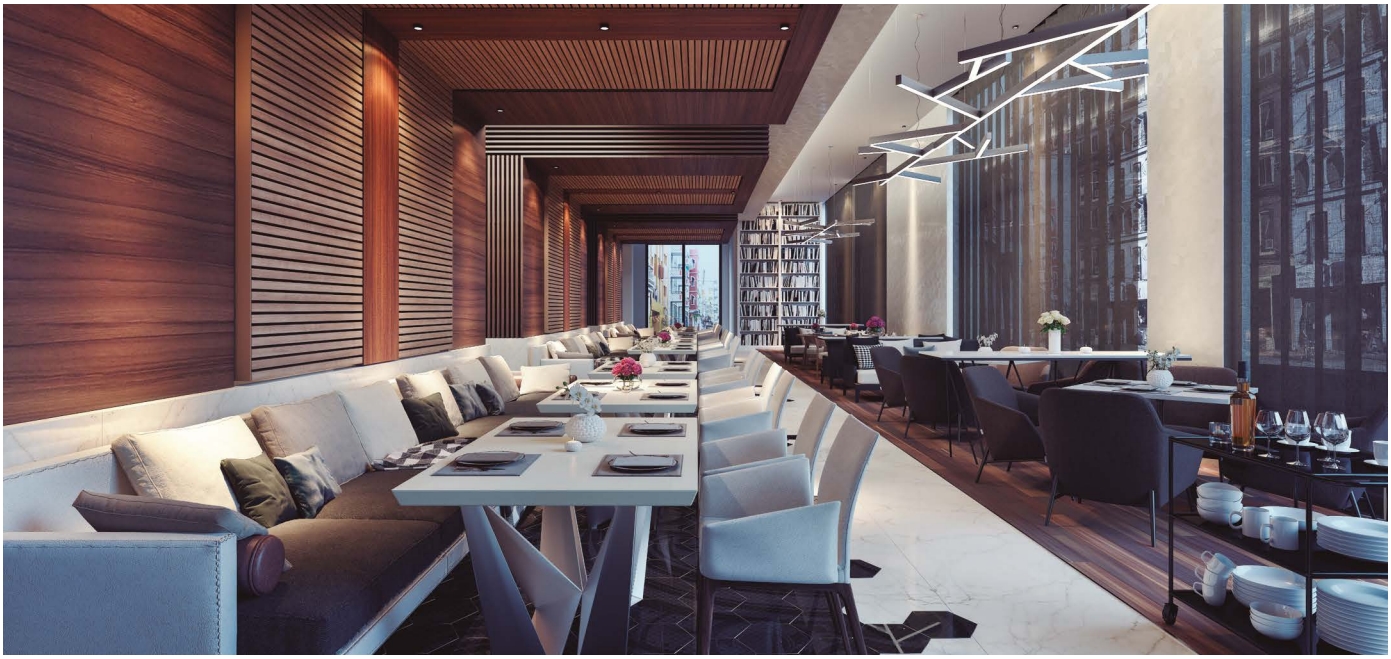
* Outdoor air temperature (°C WB).

Trusted reliability even under high and low temperature conditions

Designed to be durable enough to withstand extreme heat, 2-Pipe ECOi EX ME2 Series ensures reliable cooling operation over an extended operation range up to 52 °C, and heating operation also at minus -25 °C.



Cooling: Outside air temperature °C (DB). Heating: Outside air temperature °C (WB).



2-Pipe ECOi EX ME2 Series superior flexibility

Connectable maximum allowable indoor / outdoor capacity ratio up to 200 %*

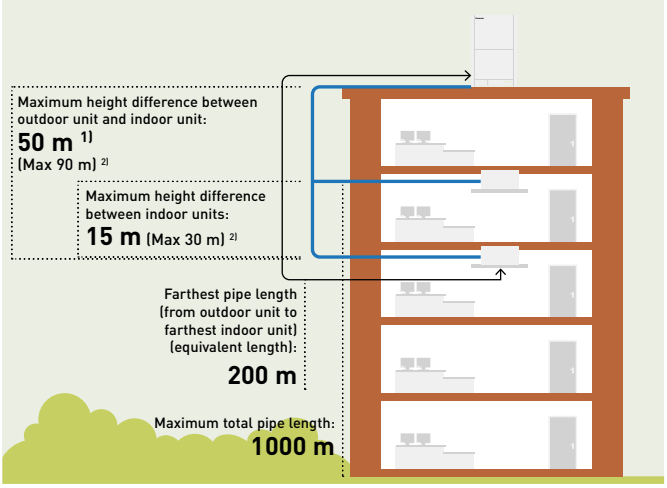
ECOi EX attain maximum indoor unit connection capacity of up to 130 % of the unit's connection range. This limit can be overpassed and reach up to 200 % if some conditions are satisfied. With this feature, ECOi EX provides an ideal air conditioning solution for locations where full cooling/heating are not always required in all spaces at same time.

System (HP)	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80
Connectable indoor units: 130 %	13	16	19	23	26	29	33	36	40	43	46	50	53	56	59	64																					
Connectable indoor units: 200 %	20	25	30	35	40	45	50	55	60	64																											

Note: If more than 100 % indoor units are operated with a high load, the units may not perform at the rated capacity. For the details, please consult with an authorised Panasonic dealer. * If the following conditions are satisfied, the effective range is above 130 % up to 200 %. Obey the limited number of connectable indoor units. The lower limit of operating range for heating outdoor temperature is limited to -10 °C WB (standard -25 °C WB). Simultaneous operation is limited to less than 130 % of connectable indoor units. 1,5 kW capacity of Indoor Units are included.

Increased piping lengths and design flexibility

Adaptable to various building types and sizes. Actual piping length: 200 m. Maximum piping length: 1000 m.

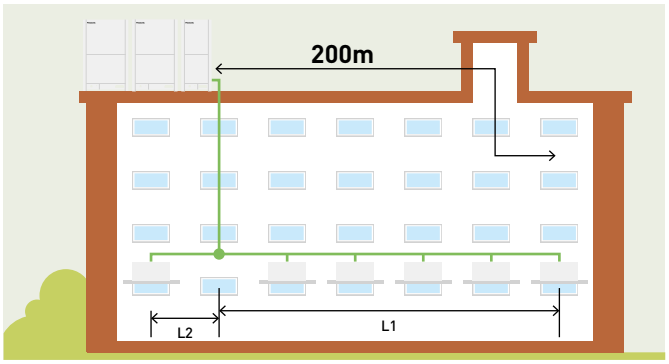


1) 40 m if the outdoor unit is below the indoor unit.
2) For height differences between outdoor unit and indoor unit > 50 m, as well as for height differences between indoor units > 15 m, contact an authorized Panasonic dealer.

Up to 50 m length difference between the longest and the shortest piping from the first branch

Flexible piping layout makes it easier to design systems for locations such as train stations, airports, schools and hospitals.

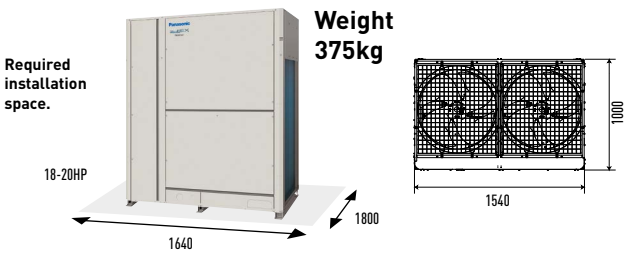
- Up to 64 units can be connected to one system
- Difference between maximum and minimum pipe runs after first branch can be a maximum of 50 m
- Larger pipe runs can be up to 200 m

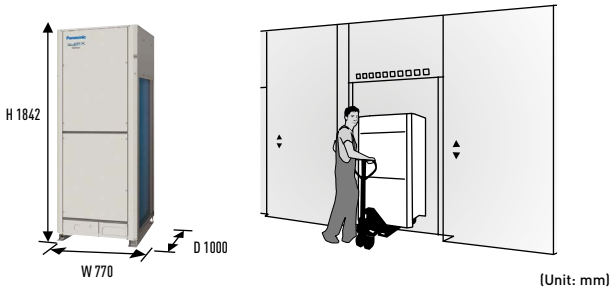


L1 = Longest pipe run. L2 = Shortest pipe run. L1 - L2 = Maximum 50 m.

Compact design

The ME2 Series has reduced the installation space required with up to 20 HP available in a single chassis. 8 - 10 HP are able to fit inside a lift for easy handling on site.

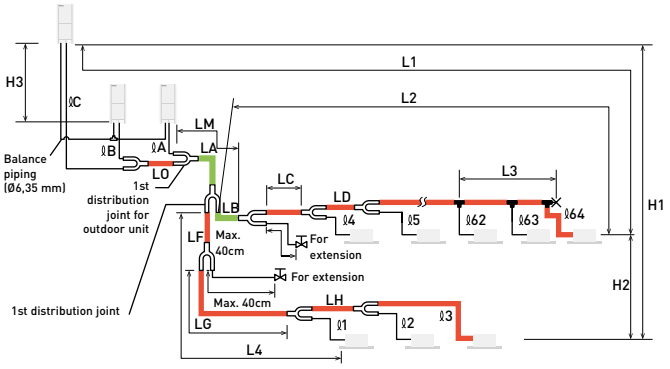




(Unit: mm)

2-Pipe ECOi EX ME2 Series piping design

Select installation locations so that the lengths and sizes of refrigerant piping are within the allowable ranges shown in the figure below.



Main piping length (maximum piping size) LM= LA + LB ...

Main distribution tubes LC – LH are selected according to the capacity after the distribution joint.

Sizes of indoor unit connection piping ℓ1 – ℓ64 are determined by the connection piping sizes on the indoor units.

Distribution joint (CZ: optional parts).

T-joint (field supply).

Ball valve (field supply).

Solidly welded shut (pinch weld).

The outdoor connection main piping (LO portion) is determined by the total capacity of the outdoor units that are connected to the tube ends.
Note: Be sure to use special R410A distribution joints (CZ: optional parts) for outdoor unit connections and piping branches.

R410A distribution joint.
CZ-P680PH2BM (for outdoor unit)
CZ-P1350PH2BM (for outdoor unit)
CZ-P160BK2BM (for indoor unit)
CZ-P680BK2BM (for indoor unit)
CZ-P1350BK2BM (for indoor unit)

Ranges that apply to refrigerant piping lengths and to differences in installation heights

Items	Mark	Contents		Length (m)
Allowable piping length	L1	Maximum piping length	Actual length	≤200[1]
			Equivalent length	≤210[1]
	Δ L (L2-L4)	Difference between maximum length and minimum length from the 1st distribution joint		≤50[2]
	LM	Maximum length of main piping (at maximum size) *** Even after 1st distribution joint, LM is allowed if at maximum piping length.**		—[3]
	ℓ1, ℓ2~ ℓ64	Maximum length of each distribution tube		≤50[4]
	L1+ ℓ1+ ℓ2~ ℓ63+ ℓA+ℓB+LF+LG+LH	Total maximum piping length including length of each distribution tube (only liquid piping)		≤1000
	ℓA, ℓB+LO, ℓC+LO	Maximum piping length from outdoor's 1st distribution joint to each outdoor unit		≤10
Allowable elevation difference	H1	When outdoor unit is installed higher than indoor unit		≤50
		When outdoor unit is installed lower than indoor unit		≤40
	H2	Maximum difference between indoor units		≤15
	H3	Maximum difference between outdoor units		≤4
Allowable length of joint piping	L3	T-joint piping (field-supply); Maximum piping length between the first T-joint and solidly welded-shut end point		≤2

L = Length, H = Height

1) If the longest piping length (L1) exceeds 90 m (equivalent length), increase the sizes of the main tubes (LM) by 1 rank for gas tubes and liquid tubes. Use a field supply reducer. Select the tube size from the table of main piping sizes (Table 3) and from the table of refrigerant piping sizes (Table 8). 2) When the piping length exceeds 40 m, increase a longer liquid or gas piping by 1 rank. Refer to the Technical Data for the details. 3) If the longest main piping length (LM) exceeds 50 m, increase the main piping size at the portion before 50 m by 1 rank for the gas tubes. Use a field supply reducer. Determine the length less than the limitation of allowable maximum piping length. For the portion that exceeds 50 m, set based on the main piping size (LA) listed in Table 3. 4) If any of the piping length exceeds 30 m, increase the size of the liquid and gas tubes by 1 rank. 5) If the total distribution piping length exceeds 500 m, maximum allowable elevation difference (H2) between the indoor units is calculated by the following formula. Make sure the indoor unit's actual elevation difference should fall within the figure calculated as follows. Unit of account (meter): 15 x (2 - total piping length (m) ÷ 500).
* The outdoor connection main piping (LO portion) is determined by the total capacity of the outdoor units that are connected to the tube ends. If the size of the existing piping is already larger than the standard piping size, it is not necessary to further increase the size. ** If the existing piping is used, and the amount of on-site refrigerant charge exceeds the value listed below, then change the size of the piping to reduce the amount of refrigerant. Total amount of refrigerant for the system with 1 outdoor unit: 50kg. Total amount of refrigerant for the system with 2 outdoor units: 80kg. Total amount of refrigerant for the system with 3 outdoor units or 4 outdoor units: 105kg.

Necessary amount of additional refrigerant charge per outdoor unit.

U-8ME2E8	U-10ME2E8	U-12ME2E8	U-14ME2E8	U-16ME2E8
5,5kg	5,5kg	7,0kg	7,0kg	7,0kg

System limitations.

Maximum number allowable connected outdoor units	4 [1]
Maximum capacity allowable connected outdoor units	224 kW (80 HP)
Maximum connectable indoor units	64 [2]
Maximum allowable indoor / outdoor capacity ratio	50-130 %[3]

1) Up to 4 units can be connected if the system has been extended.
2) In the case of 38 HP or smaller units, the number is limited by the total capacity of the connected indoor units.
3) If the following conditions are satisfied, the effective range is above 130 % and below 200 %.
A) Obey the limited number of connectable indoor units. B) The lower limit of operating range for heating outdoor temperature is limited to -10 °C WB (standard -25 °C WB). C) Simultaneous operation is limited to less than 130 % of connectable indoor units.

Additional refrigerant charge.

Liquid piping size Inch (mm)	Amount of refrigerant charge/m (g/m)
1/4 (6,35)	26
3/8 (9,52)	56
1/2 (12,70)	128
5/8 (15,88)	185
3/4 (19,05)	259
7/8 (22,22)	366
1 (25,40)	490

Refrigerant piping (existing piping can be used).

Piping size (mm)													
Material Temper - O						Material Temper - 1/2 H, H							
Ø6,35	t 0,8	Ø12,70	t 0,8	Ø19,05	t 1,2	Ø22,22	t 1,0	Ø28,58	t 1,0	Ø38,10	over t 1,35	Ø44,45	over t1,55
Ø9,52	t 0,8	Ø15,88	t 1,0			Ø25,40	t 1,0	Ø31,75	t 1,1	Ø41,28	over t 1,45	Ø44,45	over t1,55

* When bending the tubes, use a bending radius that is at least 4 times the outer diameter of the tubes. In addition, take sufficient care to avoid crushing or damaging the tubes when bending them.

2-Pipe ECOi EX ME2 Series

A VRF system delivering energy-saving performance, powerful operation, reliability and comfort surpassing anything previously possible. It represents a true paradigm shift in air conditioning solutions.
VRF with outstanding energy-saving performance and powerful operation SEER 7,6 (18 HP model).

			8 HP	10 HP	12 HP	14 HP	16 HP	18 HP	20 HP
Outdoor units			**U-8ME2E8**	**U-10ME2E8**	**U-12ME2E8**	**U-14ME2E8**	**U-16ME2E8**	**U-18ME2E8**	**U-20ME2E8**
Power supply	Voltage	V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
	Phase		Three phase	Three phase	Three phase	Three phase	Three phase	Three phase	Three phase
	Frequency	Hz	50	50	50	50	50	50	50
Cooling capacity		kW	22,4	28,0	33,5	40,0	45,0	50,0	56,0
EER [1]		W/W	4,70	4,37	3,96	3,88	3,52	3,52	3,35
ESEER		W/W	9,33	8,67	7,94	7,73	7,19	6,95	6,18
SEER [2]			**7,4**	**6,8**	**6,7**	**7,2**	**6,4**	**7,6**	**7,0**
Running current cooling		A	7,40 / 7,14	10,20 / 9,80	13,00 / 12,50	16,50 / 15,90	20,10 / 19,40	22,00 / 21,20	25,40 / 24,50
Input power cooling		kW	4,77	6,41	8,47	10,30	12,80	14,20	16,70
Heating capacity		kW	25,0	31,5	37,5	45,0	50,0	56,0	63,0
COP [1]		W/W	5,13	4,76	4,73	4,56	4,42	4,38	3,94
SCOP [2]			**4,8**	**4,3**	**4,7**	**4,3**	**4,1**	**4,3**	**4,1**
Running current heating		A	7,56 / 7,29	10,50 / 11,10	12,30 / 11,80	15,80 / 15,20	17,90 / 17,30	20,10 / 19,40	24,60 / 23,70
Input power heating		kW	4,87	6,62	7,92	9,86	11,30	12,80	16,00
Starting current		A	1,00	1,00	1,00	2,00	2,00	2,00	2,00
External static pressure (Max)		Pa	80	80	80	80	80	80	80
Air flow		m^3/min	224	224	232	232	232	405	405
Sound pressure	Normal mode	dB(A)	54	56	59	60	61	59	60
	Silent mode	dB(A)	51	53	56	57	58	56	57
Sound power	Normal mode	dB(A)	75	77	80	81	82	80	81
Dimension	H x W x D	mm	1842 x 770 x 1000	1842 x 770 x 1000	1842 x 1180 x 1000	1842 x 1180 x 1000	1842 x 1180 x 1000	1842 x 1540 x 1000	1842 x 1540 x 1000
Net weight		kg	210	210	270	315	315	375	375
Pipe diameter [3]	Liquid pipe	Inch (mm)	3/8 (9,52) / 1/2 (12,70)	3/8 (9,52) / 1/2 (12,70)	1/2 (12,70) / 5/8 (15,88)	1/2 (12,70) / 5/8 (15,88)	1/2 (12,70) / 5/8 (15,88)	5/8 (15,88) / 3/4 (19,05)	5/8 (15,88) / 3/4 (19,05)
	Gas pipe	Inch (mm)	3/4 (19,05) / 7/8 (22,22)	7/8 (22,22) / 1 (25,40)	1 (25,40) / 1-1/8 (28,58)	1 (25,40) / 1-1/8 (28,58)	1-1/8 (28,58) / 1-1/4 (31,75)	1-1/8 (28,58) / 1-1/4 (31,75)	1-1/8 (28,58) / 1-1/4 (31,75)
	Balance pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
Refrigerant (R410A) / CO_2 Eq		kg / T	5,60 / 11,6928	5,60 / 11,6928	8,30 / 17,3304	8,30 / 17,3304	8,30 / 17,3304	9,50 / 19,836	9,50 / 19,836
Maximum allowable indoor / outdoor capacity ratio % [4]			50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)
Operating range	Cool Min ~ Max	°C	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52
	Heat Min ~ Max	°C	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18

1) EER and COP calculation is based in accordance to EN14511. 2) SEER/SCOP is calculated based on the seasonal space cooling/heating efficiency "η" values of the COMMISSION REGULATION (EU) 2016/2281. SEER, SCOP = (η + Correction) × PEF. 3) Pipe diameter under 90 m for ultimate indoor unit / over 90 m for ultimate indoor unit (if the longest piping equivalent length exceeds 90 m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes). 4) If the following conditions are satisfied, the effective range is above 130 % and below 200 %: A. Obey the limited number of connectable indoor units. B. The lower limit of operating range for heating outdoor temperature is limited to -10 °C WB (standard -25 °C WB). C. Simultaneous operation is limited to less than 130 % of connectable indoor units.

Technical focus

- New twin rotary inverter compressor
- High performance at extreme conditions
- Outstanding efficiency and comfort
- Extraordinary partial load and SEER/SCOP
- SEER and SCOP following to EN-14825
- Oil recovery intelligent control
- Top comfort
- Superior flexibility
- Bluefin full line up EX
- Extremely high capacity at -20 °C and unique heating capacity at -25 °C
- Smooth exhaust flow by new bell-mouth

Rating Conditions: Cooling Indoor 27 °C DB / 19 °C WB. Cooling Outdoor 35 °C DB / 24 °C WB. Heating Indoor 20 °C DB. Heating Outdoor 7 °C DB / 6 °C WB. (DB: Dry Bulb; WB: Wet Bulb).
Specifications subject to change without notice. For detailed information about ErP / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

2-Pipe ECOi EX ME2 Series High Efficiency model combination from 18 to 28 HP

Model name			18 HP U-8ME2E8 U-10ME2E8	20 HP U-10ME2E8 U-10ME2E8	22 HP U-10ME2E8 U-12ME2E8	24 HP U-12ME2E8 U-12ME2E8	26 HP U-10ME2E8 U-16ME2E8	28 HP U-12ME2E8 U-16ME2E8
Power supply	Voltage	V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
	Phase		Three phase	Three phase	Three phase	Three phase	Three phase	Three phase
	Frequency	Hz	50	50	50	50	50	50
Cooling capacity		kW	50,0	56,0	61,5	68,0	73,0	78,5
EER [1]		W/W	4,55	4,38	4,13	3,93	3,80	3,69
Running current cooling		A	17,30/16,60	20,30/19,60	23,10/22,30	26,60/25,60	30,10/29,00	33,10/31,90
Input power cooling		kW	11,00	12,80	14,90	17,30	19,20	21,30
Heating capacity		kW	56,0	63,0	69,0	76,5	81,5	87,5
COP [1]		W/W	4,96	4,77	4,76	4,69	4,55	4,56
Running current heating		A	17,70/17,10	20,90/20,20	22,70/21,90	25,30/24,40	28,40/27,40	30,10/29,00
Input power heating		kW	11,30	13,20	14,50	16,30	17,90	19,20
Starting current		A	2,00	2,00	2,00	2,00	3,00	3,00
External static pressure (Max)		Pa	80	80	80	80	80	80
Air flow		m³/min	448	448	456	464	456	464
Sound pressure	Normal	dB(A)	58,50	59,00	61,00	62,00	62,50	63,50
	Silent mode	dB(A)	55,50	56,00	58,00	59,00	59,50	60,50
Sound power	Normal mode	dB(A)	79,50	80,00	82,00	83,00	83,50	84,50
Dimension / Net weight	H x W x D	mm / kg	1842 x 1600 x 1000 / 420	1842 x 1600 x 1000 / 420	1842 x 2010 x 1000 / 480	1842 x 2420 x 1000 / 540	1842 x 2010 x 1000 / 535	1842 x 2420 x 1000 / 585
Pipe diameter [2]	Liquid pipe	Inch (mm)	5/8 (15,88) / 3/4 (19,05)	5/8 (15,88) / 3/4 (19,05)	5/8 (15,88) / 3/4 (19,05)	5/8 (15,88) / 3/4 (19,05)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)
	Gas pipe	Inch (mm)	1-1/8 (28,58) / 1-1/4 (31,75)	1-1/8 (28,58) / 1-1/4 (31,75)	1-1/8 (28,58) / 1-1/4 (31,75)	1-1/8 (28,58) / 1-1/4 (31,75)	1-1/4 (31,75) / 1-1/2 (38,10)	1-1/4 (31,75) / 1-1/2 (38,10)
	Balance pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
Refrigerant (R410A) / CO_2 Eq.		kg / T	11,20/23,3856	11,20/23,3856	13,90/29,0232	16,60/34,6608	13,90/29,0232	16,60/34,6608
Maximum allowable indoor / outdoor capacity ratio % [3]			50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)
Operating range	Cool Min ~ Max	°C	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52
	Heat Min ~ Max	°C	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18

2-Pipe ECOi EX ME2 Series High Efficiency model combination from 30 to 40 HP

Model name			30 HP U-14ME2E8 U-16ME2E8	32 HP U-16ME2E8 U-16ME2E8	34 HP U-10ME2E8 U-12ME2E8 U-12ME2E8	36 HP U-12ME2E8 U-12ME2E8 U-12ME2E8	38 HP U-10ME2E8 U-12ME2E8 U-16ME2E8	40 HP U-12ME2E8 U-12ME2E8 U-16ME2E8
Power supply	Voltage	V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
	Phase		Three phase	Three phase	Three phase	Three phase	Three phase	Three phase
	Frequency	Hz	50	50	50	50	50	50
Cooling capacity		kW	85,0	90,0	96,0	101,0	107,0	113,0
EER [1]		W/W	3,68	3,52	4,05	3,95	3,84	3,75
Running current cooling		A	36,60/35,30	40,20/38,70	36,80/35,50	39,30/37,90	43,80/42,20	46,70/45,00
Input power cooling		kW	23,10	25,60	23,70	25,60	27,90	30,10
Heating capacity		kW	95,0	100,0	108,0	113,0	119,0	127,0
COP [1]		W/W	4,48	4,42	4,72	4,73	4,61	4,57
Running current heating		A	33,60/32,40	35,80/34,60	35,90/34,60	37,10/35,80	40,50/39,00	43,60/42,00
Input power heating		kW	21,20	22,60	22,90	23,90	25,80	27,80
Starting current		A	4,00	4,00	3,00	3,00	4,00	4,00
External static pressure (Max)		Pa	80	80	80	80	80	80
Air flow		m³/min	464	464	688	696	688	696
Sound pressure	Normal	dB(A)	63,50	64,00	63,00	64,00	64,00	64,50
	Silent mode	dB(A)	60,50	61,00	60,00	61,00	61,00	61,50
Sound power	Normal mode	dB(A)	84,50	85,00	84,00	85,00	85,00	85,50
Dimension / Net weight	H x W x D	mm / kg	1842 x 2420 x 1000 / 630	1842 x 2420 x 1000 / 630	1842 x 3250 x 1000 / 750	1842 x 3660 x 1000 / 810	1842 x 3250 x 1000 / 795	1842 x 3660 x 1000 / 855
Pipe diameter [2]	Liquid pipe	Inch (mm)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)
	Gas pipe	Inch (mm)	1-1/4 (31,75) / 1-1/2 (38,10)	1-1/4 (31,75) / 1-1/2 (38,10)	1-1/4 (31,75) / 1-1/2 (38,10)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)
	Balance pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
Refrigerant (R410A) / CO_2 Eq.		kg / T	16,60/34,6608	16,60/34,6608	22,20/46,3536	24,90/51,9912	22,20/46,3536	24,90/46,3536
Maximum allowable indoor / outdoor capacity ratio % [3]			50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)
Operating range	Cool Min ~ Max	°C	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52
	Heat Min ~ Max	°C	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18

Data is for reference. 1) EER and COP calculation is based in accordance to EN14511. 2) Pipe diameter under 90 m for ultimate indoor unit / over 90 m for ultimate indoor unit (if the longest piping equivalent length exceeds 90 m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes). 3) If the following conditions are satisfied, the effective range is above 130 % and below 200 %: A. Obey the limited number of connectable indoor units. B. The lower limit of operating range for heating outdoor temperature is limited to -10 °C WB (standard -25 °C WB). C. Simultaneous operation is limited to less than 130 % of connectable indoor units.

2-Pipe ECOi EX ME2 Series High Efficiency model combination from 42 to 52 HP

Model name			42 HP	44 HP	46 HP	48 HP	50 HP	52 HP
			U-10ME2E8	U-12ME2E8	U-14ME2E8	U-16ME2E8	U-10ME2E8	U-12ME2E8
			U-16ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8	U-12ME2E8	U-12ME2E8
			U-16ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8	U-12ME2E8	U-12ME2E8
							U-16ME2E8	U-16ME2E8
Power supply	Voltage	V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
	Phase		Three phase	Three phase	Three phase	Three phase	Three phase	Three phase
	Frequency	Hz	50	50	50	50	50	50
Cooling capacity		kW	118,0	124,0	130,0	135,0	140,0	145,0
EER [1]		W/W	3,69	3,62	3,62	3,52	3,87	3,82
Running current cooling		A	50,20/48,40	53,20/51,30	56,90/54,90	60,20/58,10	56,20/54,20	59,00/56,80
Input power cooling		kW	32,00	34,30	35,90	38,40	36,20	38,00
Heating capacity		kW	132,0	138,0	145,0	150,0	155,0	160,0
COP [1]		W/W	4,49	4,50	4,46	4,42	4,65	4,66
Running current heating		A	46,60/44,90	48,20/46,40	51,50/49,70	53,80/51,80	52,20/50,40	53,80/51,90
Input power heating		kW	29,40	30,70	32,50	33,90	33,30	34,30
Starting current		A	5,00	5,00	6,00	6,00	5,00	5,00
External static pressure (Max)		Pa	80	80	80	80	80	80
Air flow		m³/min	688	696	696	696	920	928
Sound pressure	Normal	dB(A)	65,00	65,50	65,50	66,00	65,50	66,00
	Silent mode	dB(A)	62,00	62,50	62,50	63,00	62,50	63,00
Sound power	Normal mode	dB(A)	86,00	86,50	86,50	87,00	86,50	87,00
Dimension / Net weight	H x W x D	mm / kg	1842 x 3250 x 1000 / 840	1842 x 3660 x 1000 / 900	1842 x 3660 x 1000 / 945	1842 x 3660 x 1000 / 945	1842 x 4490 x 1000 / 1065	1842 x 4900 x 1000 / 1125
Pipe diameter [2]	Liquid pipe	Inch (mm)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)
	Gas pipe	Inch (mm)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)
	Balance pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
Refrigerant (R410A) / CO_2 Eq.		kg / T	22,20/51,9912	24,90/51,9912	24,90/51,9912	24,90/51,9912	30,50/63,6840	33,20/69,3216
Maximum allowable indoor / outdoor capacity ratio % [3]			50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)
Operating range	Cool Min ~ Max	°C	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52
	Heat Min ~ Max	°C	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18

2-Pipe ECOi EX ME2 Series High Efficiency model combination from 54 to 64 HP

Model name			54 HP	56 HP	58 HP	60 HP	62 HP	64 HP
			U-10ME2E8	U-12ME2E8	U-10ME2E8	U-12ME2E8	U-14ME2E8	U-16ME2E8
			U-12ME2E8	U-12ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8
			U-16ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8
			U-16ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8
Power supply	Voltage	V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
	Phase		Three phase	Three phase	Three phase	Three phase	Three phase	Three phase
	Frequency	Hz	50	50	50	50	50	50
Cooling capacity		kW	151,0	156,0	162,0	168,0	174,0	180,0
EER [1]		W/W	3,75	3,71	3,65	3,60	3,60	3,52
Running current cooling		A	63,20/60,90	65,30/63,00	69,70/67,10	73,30/70,60	75,80/73,00	80,30/77,40
Input power cooling		kW	40,30	42,10	44,40	46,70	48,30	51,20
Heating capacity		kW	169,0	175,0	182,0	189,0	195,0	201,0
COP [1]		W/W	4,56	4,56	4,47	4,47	4,45	4,42
Running current heating		A	58,80/56,70	60,20/58,10	64,60/62,20	67,10/64,70	69,50/67,00	72,20/69,60
Input power heating		kW	37,10	38,40	40,70	42,30	43,80	45,50
Starting current		A	6,00	6,00	7,00	7,00	8,00	8,00
External static pressure (Max)		Pa	80	80	80	80	80	80
Air flow		m³/min	920	928	920	928	928	928
Sound pressure	Normal	dB(A)	66,00	66,50	66,50	67,00	67,00	67,00
	Silent mode	dB(A)	63,00	63,50	63,50	64,00	64,00	64,00
Sound power	Normal mode	dB(A)	87,00	87,50	87,50	88,00	88,00	88,00
Dimension / Net weight	H x W x D	mm / kg	1842 x 4490 x 1000 / 1110	1842 x 4900 x 1000 / 1170	1842 x 4490 x 1000 / 1155	1842 x 4900 x 1000 / 1215	1842 x 4900 x 1000 / 1260	1842 x 4900 x 1000 / 1260
Pipe diameter [2]	Liquid pipe	Inch (mm)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)
	Gas pipe	Inch (mm)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-5/8 (41,28) / 1-3/4 (44,45)	1-5/8 (41,28) / 1-3/4 (44,45)
	Balance pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
Refrigerant (R410A) / CO_2 Eq.		kg / T	30,50/63,6840	33,20/69,3216	30,50/63,6840	33,20/69,3216	33,20/69,3216	33,20/69,3216
Maximum allowable indoor / outdoor capacity ratio % [3]			50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)
Operating range	Cool Min ~ Max	°C	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52
	Heat Min ~ Max	°C	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18

Data is for reference. 1) EER and COP calculation is based in accordance to EN14511. 2) Pipe diameter under 90 m for ultimate indoor unit / over 90 m for ultimate indoor unit (if the longest piping equivalent length exceeds 90 m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes). 3) If the following conditions are satisfied, the effective range is above 130 % and below 200 %: A. Obey the limited number of connectable indoor units. B. The lower limit of operating range for heating outdoor temperature is limited to -10 °C WB (standard -25 °C WB). C. Simultaneous operation is limited to less than 130 % of connectable indoor units.

Rating Conditions: Cooling Indoor 27 °C DB / 19 °C WB. Cooling Outdoor 35 °C DB / 24 °C WB. Heating Indoor 20 °C DB. Heating Outdoor 7 °C DB / 6 °C WB. (DB: Dry Bulb; WB: Wet Bulb).
Specifications subject to change without notice. For detailed information about ErP / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

2-Pipe ECOi EX ME2 Series Space Saving Model Combination from 22 to 34 HP

Model name			22 HP	24 HP	26 HP	28 HP	30 HP	32 HP	34 HP
			U-10ME2E8	U-12ME2E8	U-10ME2E8	U-12ME2E8	U-14ME2E8	U-16ME2E8	U-14ME2E8
			U-12ME2E8	U-12ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8	U-20ME2E8
Power supply	Voltage	V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
	Phase		Three phase	Three phase	Three phase	Three phase	Three phase	Three phase	Three phase
	Frequency	Hz	50	50	50	50	50	50	50
Cooling capacity		kW	61,5	68,0	73,0	78,5	85,0	90,0	96,0
EER [1]		W/W	4,13	3,93	3,80	3,69	3,68	3,52	3,56
SEER [2]			**6,90**	**6,86**	**6,62**	**6,60**	**6,88**	**6,55**	**7,21**
Running current cooling		A	23,10/22,30	26,60/25,60	30,10/29,00	33,10/31,90	36,60/35,30	40,20/38,70	41,90/40,40
Input power cooling		kW	14,90	17,30	19,20	21,30	23,10	25,60	27,00
Heating capacity		kW	69,0	76,5	81,5	87,5	95,0	100,0	108,0
COP [1]		W/W	4,76	4,69	4,55	4,56	4,48	4,42	4,17
SCOP [2]			**4,53**	**4,78**	**4,16**	**4,29**	**4,13**	**4,09**	**4,14**
Running current heating		A	22,70/21,90	25,30/24,40	28,40/27,40	30,10/29,00	33,60/32,40	35,80/34,60	40,60/39,20
Input power heating		kW	14,50	16,30	17,90	19,20	21,20	22,60	25,90
Starting current		A	2,00	2,00	3,00	3,00	4,00	4,00	4,00
External static pressure (Max)		Pa	80	80	80	80	80	80	80
Air flow		m³/min	456	464	456	464	464	464	637
Sound pressure	Normal / Silent mode	dB(A)	61,00/58,00	62,00/59,00	62,50/59,50	63,50/60,50	63,50/60,50	64,00/61,00	63,00/60,00
Sound power	Normal mode	dB(A)	82,00	83,00	83,50	84,50	84,50	85,00	84,00
Dimension / Net weight	H x W x D	mm / kg	1842 x 2010 x 1000 / 480	1842 x 2420 x 1000 / 540	1842 x 2010 x 1000 / 525	1842 x 2420 x 1000 / 585	1842 x 2420 x 1000 / 630	1842 x 2420 x 1000 / 630	1842 x 2780 x 1000 / 690
Pipe diameter [3]	Liquid pipe	Inch (mm)	5/8 (15,88) / 3/4 (19,05)	5/8 (15,88) / 3/4 (19,05)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)
	Gas pipe	Inch (mm)	1-1/8 (28,58) / 1-1/4 (31,75)	1-1/8 (28,58) / 1-1/4 (31,75)	1-1/4 (31,75) / 1-1/2 (38,10)	1-1/4 (31,75) / 1-1/2 (38,10)	1-1/4 (31,75) / 1-1/2 (38,10)	1-1/4 (31,75) / 1-1/2 (38,10)	1-1/4 (31,75) / 1-1/2 (38,10)
	Balance pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
Refrigerant (R410A) / CO_2 Eq.		kg / T	13,90/23,3856	16,60/34,6608	13,90/29,0232	16,60/34,6608	16,60/34,6608	16,60/34,6608	17,80/37,1664
Maximum allowable indoor / outdoor capacity ratio % [4]			50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)
Operating range	Cool Min ~ Max	°C	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52
	Heat Min ~ Max	°C	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18

2-Pipe ECOi EX ME2 Series Space Saving Model Combination from 36 to 48 HP

Model name			36 HP	38 HP	40 HP	42 HP	44 HP	46 HP	48 HP
			U-16ME2E8	U-18ME2E8	U-20ME2E8	U-10ME2E8	U-12ME2E8	U-14ME2E8	U-16ME2E8
			U-20ME2E8	U-20ME2E8	U-20ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8
						U-16ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8
Power supply	Voltage	V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
	Phase		Three phase	Three phase	Three phase	Three phase	Three phase	Three phase	Three phase
	Frequency	Hz	50	50	50	50	50	50	50
Cooling capacity		kW	101,0	107,0	113,0	118,0	124,0	130,0	135,0
EER [1]		W/W	3,42	3,42	3,34	3,69	3,62	3,62	3,52
SEER [2]			**6,86**	**7,32**	**7,16**	**6,57**	**6,6**	**6,7**	**6,55**
Running current cooling		A	45,30/43,70	48,10/46,30	51,40/49,50	50,20/48,40	53,20/51,30	56,90/54,90	60,20/58,10
Input power cooling		kW	25,9	31,3	33,8	32,0	34,3	35,9	38,4
Heating capacity		kW	113,0	119,0	127,0	132,0	138,0	145,0	150,0
COP [1]		W/W	4,14	4,13	3,92	4,49	4,50	4,46	4,42
SCOP [2]			**4,06**	**4,14**	**4,13**	**4,11**	**4,21**	**4,12**	**4,09**
Running current heating		A	42,40/40,80	44,70/43,10	49,80/48,00	46,60/44,90	48,20/46,40	51,50/49,70	53,80/51,80
Input power heating		kW	27,30	28,80	32,40	29,40	30,70	32,50	33,90
Starting current		A	4,00	4,00	4,00	5,00	5,00	6,00	6,00
External static pressure (Max)		Pa	80	80	80	80	80	80	80
Air flow		m³/min	637	810	810	688	696	696	696
Sound pressure	Normal / Silent mode	dB(A)	63,50/60,50	62,50/59,50	63,00/60,00	65,00/62,00	65,50/62,50	65,50/62,50	66,00/63,00
Sound power	Normal mode	dB(A)	84,50	83,50	84,00	86,00	86,50	86,50	87,00
Dimension / Net weight	H x W x D	mm / kg	1842 x 2780 x 1000 / 690	1842 x 3140 x 1000 / 750	1842 x 3140 x 1000 / 750	1842 x 3250 x 1000 / 840	1842 x 3660 x 1000 / 900	1842 x 3660 x 1000 / 945	1842 x 3660 x 1000 / 945
Pipe diameter [3]	Liquid pipe	Inch (mm)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)
	Gas pipe	Inch (mm)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)
	Balance pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
Refrigerant (R410A) / CO_2 Eq.		kg / T	17,80/37,1664	19,00/39,672	19,00/39,672	22,20/46,3536	24,90/51,9912	24,90/51,9912	24,90/51,9912
Maximum allowable indoor / outdoor capacity ratio % [4]			50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)
Operating range	Cool Min ~ Max	°C	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52
	Heat Min ~ Max	°C	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18

1) EER and COP calculation is based in accordance to EN14511. 2) SEER/SCOP is calculated based on the seasonal space cooling/heating efficiency "η" values of the COMMISSION REGULATION (EU) 2016/2281. SEER, SCOP = (η + Correction) × PEF. 3) Pipe diameter under 90 m for ultimate indoor unit / over 90 m for ultimate indoor unit (if the longest piping equivalent length exceeds 90 m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes). 4) If the following conditions are satisfied, the effective range is above 130 % and below 200 %: A. Obey the limited number of connectable indoor units. B. The lower limit of operating range for heating outdoor temperature is limited to -10 °C WB (standard -25 °C WB). C. Simultaneous operation is limited to less than 130 % of connectable indoor units.

2-Pipe ECOi EX ME2 Series Space Saving Model Combination from 50 to 64 HP

Model name			50 HP	52 HP	54 HP	56 HP	58 HP	60 HP	62 HP	64 HP
			U-14ME2E8	U-16ME2E8	U-14ME2E8	U-16ME2E8	U-18ME2E8	U-20ME2E8	U-14ME2E8	U-16ME2E8
			U-16ME2E8	U-16ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8	U-16ME2E8	U-16ME2E8
			U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8	U-16ME2E8	U-16ME2E8
									U-16ME2E8	U-16ME2E8
Power supply	Voltage	V	380-400-415	380-400-415	380-400-415	380-400-415	380-400-415	380-400-415	380-400-415	380-400-415
	Phase		Three phase	Three phase	Three phase	Three phase	Three phase	Three phase	Three phase	Three phase
	Frequency	Hz	50	50	50	50	50	50	50	50
Cooling capacity		kW	140,0	145,0	151,0	156,0	162,0	168,0	174,0	180,0
EER [1]		W/W	3,55	3,46	3,49	3,41	3,40	3,35	3,60	3,52
SEER [2]			**6,96**	**6,72**	**7,16**	**6,92**	**7,3**	**7,16**	**6,68**	**6,55**
Running current cooling		A	61,10/58,90	65,00/62,70	66,50/64,10	70,30/67,80	73,10/70,40	76,10/73,40	75,80/73,00	80,30/77,40
Input power cooling		kW	39,40	41,90	43,30	45,80	47,60	50,10	48,30	51,20
Heating capacity		kW	155,0	160,0	169,0	175,0	182,0	189,0	195,0	201,0
COP [1]		W/W	4,29	4,27	4,11	4,08	4,06	3,94	4,45	4,42
SCOP [2]			**4,08**	**4,05**	**4,13**	**4,07**	**4,13**	**4,13**	**4,11**	**4,09**
Running current heating		A	56,60/54,60	58,80/56,70	63,80/61,50	66,60/64,20	69,50/67,00	73,70/71,00	69,50/67,00	72,20/69,60
Input power heating		kW	36,10	37,50	41,10	42,90	44,80	48,00	43,80	45,50
Starting current		A	6,00	6,00	6,00	6,00	6,00	6,00	8,00	8,00
External static pressure (Max)		Pa	80	80	80	80	80	80	80	80
Air flow		m³/min	869	869	1042	1042	1215	1215	928	928
Sound pressure	Normal / Silent mode	dB(A)	65,50/62,50	65,50/62,50	65,00/62,00	65,50/62,50	64,50/61,50	65,00/62,00	67,00/64,00	67,00/64,00
Sound power	Normal mode	dB(A)	86,50	86,50	86,00	86,50	85,50	86,00	88,00	88,00
Dimension / Net weight	H x W x D	mm / kg	1842 x 4020 x 1000 / 1005	1842 x 4020 x 1000 / 1005	1842 x 4380 x 1000 / 1065	1842 x 4380 x 1000 / 1065	1842 x 4740 x 1000 / 1125	1842 x 4740 x 1000 / 1125	1842 x 4900 x 1000 / 1260	1842 x 4900 x 1000 / 1260
Pipe diameter [3]	Liquid pipe	Inch (mm)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)	3/4 (19,05) / 7/8 (22,22)
	Gas pipe	Inch (mm)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-1/2 (38,10) / 1-5/8 (41,28)	1-5/8 (41,28) / 1-3/4 (44,45)	1-5/8 (41,28) / 1-3/4 (44,45)
	Balance pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
Refrigerant (R410A) / CO_2 Eq.		kg / T	26,10/54,4968	26,10/54,4968	27,30/57,0024	27,30/57,0024	28,50/59,508	28,50/59,508	33,20/69,3216	33,20/69,3216
Maximum allowable indoor / outdoor capacity ratio % [4]			50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)
Operating range	Cool Min ~ Max	°C	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52
	Heat Min ~ Max	°C	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18

2-Pipe ECOi EX ME2 Series Space Saving Model Combination from 66 to 80 HP

Model name			66 HP	68 HP	70 HP	72 HP	74 HP	76 HP	78 HP	80 HP
			U-10ME2E8	U-12ME2E8	U-10ME2E8	U-16ME2E8	U-16ME2E8	U-16ME2E8	U-18ME2E8	U-20ME2E8
			U-16ME2E8	U-16ME2E8	U-20ME2E8	U-16ME2E8	U-18ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8
			U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8
			U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8	U-20ME2E8
Power supply	Voltage	V	380-400-415	380-400-415	380-400-415	380-400-415	380-400-415	380-400-415	380-400-415	380-400-415
	Phase		Three phase	Three phase	Three phase	Three phase	Three phase	Three phase	Three phase	Three phase
	Frequency	Hz	50	50	50	50	50	50	50	50
Cooling capacity		kW	185,0	190,0	196,0	202,0	208,0	213,0	219,0	224,0
EER [1]		W/W	3,52	3,49	3,47	3,42	3,42	3,39	3,38	3,35
SEER [2]			**6,92**	**6,91**	**7,09**	**6,86**	**7,03**	**7,01**	**7,18**	**7,16**
Running current cooling		A	80,80/77,80	83,70/80,70	86,80/83,60	90,60/87,30	93,40/90,00	96,60/93,10	98,30/94,70	101,50/97,80
Input power cooling		kW	52,60	54,50	56,50	59,00	60,80	62,90	64,70	66,80
Heating capacity		kW	207,0	213,0	219,0	226,0	233,0	239,0	245,0	252,0
COP [1]		W/W	4,16	4,18	4,05	4,14	4,12	4,03	4,03	3,94
SCOP [2]			**4,11**	**4,17**	**4,13**	**4,06**	**4,12**	**4,07**	**4,13**	**4,13**
Running current heating		A	77,10/74,30	79,20/76,30	83,10/80,10	84,70/81,70	87,70/84,50	92,00/88,70	93,40/90,00	98,30/94,70
Input power heating		kW	49,70	51,00	54,10	54,60	56,50	59,30	60,80	64,00
Starting current		A	7,00	7,00	7,00	8,00	8,00	8,00	8,00	8,00
External static pressure (Max)		Pa	80	80	80	80	80	80	80	80
Air flow		m³/min	1266	1274	1439	1274	1447	1447	1620	1620
Sound pressure	Normal / Silent mode	dB(A)	66,00/63,00	66,50/63,50	65,50/62,50	66,50/63,50	66,50/63,50	66,50/63,50	66,00/63,00	66,00/63,00
Sound power	Normal mode	dB(A)	87,00	87,50	86,50	87,50	87,50	87,50	87,00	87,00
Dimension / Net weight	H x W x D	mm / kg	1842 x 5210 x 1000 / 1275	1842 x 5620 x 1000 / 1335	1842 x 5570 x 1000 / 1335	1842 x 5620 x 1000 / 1380	1842 x 5980 x 1000 / 1440	1842 x 5980 x 1000 / 1440	1842 x 6340 x 1000 / 1500	1842 x 6340 x 1000 / 1500
Pipe diameter [3]	Liquid pipe	Inch (mm)	3/4 (19,05) / 7/8 (22,22)	7/8 (22,22) / 1 (25,04)	7/8 (22,22) / 1 (25,04)	7/8 (22,22) / 1 (25,04)	7/8 (22,22) / 1 (25,04)	7/8 (22,22) / 1 (25,04)	7/8 (22,22) / 1 (25,04)	7/8 (22,22) / 1 (25,04)
	Gas pipe	Inch (mm)	1-5/8 (41,28) / 1-3/4 (44,45)	1-5/8 (41,28) / 1-3/4 (44,45)	1-5/8 (41,28) / 1-3/4 (44,45)	1-3/4 (44,45) / 2 (50,80)	1-3/4 (44,45) / 2 (50,80)	1-3/4 (44,45) / 2 (50,80)	1-3/4 (44,45) / 2 (50,80)	1-3/4 (44,45) / 2 (50,80)
	Balance pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
Refrigerant (R410A) / CO_2 Eq.		kg / T	32,90/68,6952	35,60/74,3328	34,10/19,836	35,80/68,6952	36,80/76,8384	36,80/76,8384	38,00/79,344	38,00/79,344
Maximum allowable indoor / outdoor capacity ratio % [4]			50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)	50 ~ 130 (200)
Operating range	Cool Min ~ Max	°C	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52	-10 ~ +52
	Heat Min ~ Max	°C	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18	-25 ~ +18

1) EER and COP calculation is based in accordance to EN14511. 2) SEER/SCOP is calculated based on the seasonal space cooling/heating efficiency "η" values of the COMMISSION REGULATION (EU) 2016/2281. SEER, SCOP = (η + Correction) × PEF. 3) Pipe diameter under 90 m for ultimate indoor unit / over 90 m for ultimate indoor unit (if the longest piping equivalent length exceeds 90 m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes). 4) If the following conditions are satisfied, the effective range is above 130 % and below 200 %: A. Obey the limited number of connectable indoor units. B. The lower limit of operating range for heating outdoor temperature is limited to -10 °C WB (standard -25 °C WB). C. Simultaneous operation is limited to less than 130 % of connectable indoor units.

Rating Conditions: Cooling Indoor 27 °C DB / 19 °C WB. Cooling Outdoor 35 °C DB / 24 °C WB. Heating Indoor 20 °C DB. Heating Outdoor 7 °C DB / 6 °C WB. (DB: Dry Bulb; WB: Wet Bulb).
Specifications subject to change without notice. For detailed information about ErP / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

1. Outdoor Unit

1-1. Specifications

Unit specifications (1)

			Space saving combination			Space saving combination			Space saving combination		
Outdoor Unit		MODEL	U-8ME2E8			U-10ME2E8			U-12ME2E8		
Performance test condition			EN14511			EN14511			EN14511		
Power supply		ø,Hz	3ø 50Hz			3ø 50Hz			3ø 50Hz		
		V	380	400	415	380	400	415	380	400	415
COOLING	Capacity	kW	22.4	22.4	22.4	28.0	28.0	28.0	33.5	33.5	33.5
		BTU/h	76500	76500	76500	95600	95600	95600	114300	114300	114300
	Current	A	7.79	7.40	7.14	10.7	10.2	9.80	13.7	13.0	12.5
	Input power	W	4.77k	4.77k	4.77k	6.41k	6.41k	6.41k	8.47k	8.47k	8.47k
	EER	(W/W)	4.70	4.70	4.70	4.37	4.37	4.37	3.96	3.96	3.96
	Power factor	%	93	93	93	91	91	91	94	94	94
	Noise outdoor	dB-A (Normal)	54.0			56.0			59.0		
		Power Level dB (Normal)	75.0			77.0			80.0		
		dB-A (Silent)	51.0			53.0			56.0		
HEATING	Capacity	kW	25.0	25.0	25.0	31.5	31.5	31.5	37.5	37.5	37.5
		BTU/h	85300	85300	85300	107500	107500	107500	128000	128000	128000
	Current	A	7.96	7.56	7.29	11.10	10.5	10.1	12.9	12.3	11.8
	Input power	W	4.87k	4.87k	4.87k	6.62k	6.62k	6.62k	7.92k	7.92k	7.92k
	COP	(W / W)	5.13	5.13	5.13	4.76	4.76	4.76	4.73	4.73	4.73
	Power factor	%	93	93	93	91	91	91	93	93	93
Max Current (A) / Max Input power (W)			10.2 / 6.24k	10.2 / 6.57k	10.2 / 6.82k	14.5 / 8.68k	14.5 / 9.14k	14.5 / 9.48k	18.2 / 11.3k	18.2 / 11.9k	18.2 / 12.3k
Starting current (A)			1	1	1	1	1	1	1	1	1
Time Delay fuse max size (A)			20			25			30		
Fan motor output		W / Pole number	750 / 8			750 / 8			750 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m^3/ min	224			224			232		
Refrigerant type / amount g			R410A / 5.6k			R410A / 5.6k			R410A / 8.3k		
Product dimension		Height mm	1842			1842			1842		
		Width mm	770			770			1180		
		Depth mm	1000			1000			1000		
Packing dimension		Height mm	1977			1977			1977		
		Width mm	870			870			1280		
		Depth mm	1100			1100			1100		
Weight		(NET) kg	210			210			270		
		(GROSS) kg	225			225			285		
Layers limit			1			1			1		
Operation condition (Outdoor)		Cool (DBT)	-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
		Heat (WBT)	-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)	38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
		Low side bar (MPa)	31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 9.52(3/8) (Gas) 19.05(3/4)			(Liquid) 9.52(3/8) (Gas) 22.22(7/8)			(Liquid) 12.7(1/2) (Gas) 25.4(1)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 12.7(1/2) (Gas) 22.22(7/8)			(Liquid) 12.7(1/2) (Gas) 25.4(1)			(Liquid) 15.88(5/8) (Gas) 28.58(1-1/8)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method		flared(Liquid) , brazing(Gas) flared(Balance)			flared(Liquid) , brazing(Gas) flared(Balance)			flared(Liquid) , brazing(Gas) flared(Balance)		
	Max tubing length m		7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.			13			16			19		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (2)

				Space saving combination			Space saving combination		
Outdoor Unit		MODEL		U-14ME2E8			U-16ME2E8		
Performance test condition				EN14511			EN14511		
Power supply		ø,Hz		3ø 50Hz			3ø 50Hz		
		V		380	400	415	380	400	415
COOLING	Capacity	kW		40.0	40.0	40.0	45.0	45.0	45.0
		BTU/h		136500	136500	136500	153600	153600	153600
	Current	A		17.4	16.5	15.9	21.1	20.1	19.4
	Input power	W		10.3k	10.3k	10.3k	12.8k	12.8k	12.8k
	EER	(W/W)		3.88	3.88	3.88	3.52	3.52	3.52
	Power factor	%		90	90	90	92	92	92
	Noise outdoor	dB-A (Normal)		60.0			61.0		
		Power Level dB (Normal)		81.0			82.0		
		dB-A (Silent)		57.0			58.0		
HEATING	Capacity	kW		45.0	45.0	45.0	50.0	50.0	50.0
		BTU/h		153600	153600	153600	170600	170600	170600
	Current	A		16.6	15.8	15.2	18.9	17.9	17.3
	Input power	W		9.86k	9.86k	9.86k	11.3k	11.3k	11.3k
	COP	(W / W)		4.56	4.56	4.56	4.42	4.42	4.42
	Power factor	%		90	90	90	91	91	91
Max Current (A) / Max Input power (W)				23.4 / 13.9k	23.4 / 14.6k	23.4 / 15.1k	28.5 / 17.3k	28.5 / 18.2k	28.5 / 18.8k
Starting current (A)				2	2	2	2	2	2
Time Delay fuse max size (A)				35			40		
Fan motor output		W / Pole number		750 / 8			750 / 8		
External static pressure		Pa		0 ~ 80			0 ~ 80		
Air flow		m^3/ min		232			232		
Refrigerant type / amount g				R410A / 8.3k			R410A / 8.3k		
Product dimension		Height	mm	1842			1842		
		Width	mm	1180			1180		
		Depth	mm	1000			1000		
Packing dimension		Height	mm	1977			1977		
		Width	mm	1280			1280		
		Depth	mm	1100			1100		
Weight		(NET) kg		315			315		
		(GROSS) kg		330			330		
Layers limit				1			1		
Operation condition (Outdoor)		Cool (DBT)		-10°C ~ 52°C			-10°C ~ 52°C		
		Heat (WBT)		-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)		38.0 (3.80)			38.0 (3.80)		
		Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)			(Liquid) 12.7(1/2) (Gas) 25.4(1)			(Liquid) 12.7(1/2) (Gas) 28.58(1-1/8)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)			(Liquid) 15.88(5/8) (Gas) 28.58(1-1/8)			(Liquid) 15.88(5/8) (Gas) 31.75(1-1/4)		
	Balance pipe mm (inch)			6.35(1/4)			6.35(1/4)		
	Connecting method			flared(Liquid) , brazing(Gas) flared(Balance)			flared(Liquid) , brazing(Gas) flared(Balance)		
	Max tubing length m			7.5	~	200	7.5	~	200
	Total Max tubing length m			7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m			50 / 40			50 / 40		
Max connectable indoor units pcs.				23			26		
Max allowable indoor/outdoor capacity ratio %				50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (3)

				Space saving combination			Space saving combination		
Outdoor Unit		MODEL		U-18ME2E8			U-20ME2E8		
Performance test condition				EN14511			EN14511		
Power supply		ø,Hz		3ø 50Hz			3ø 50Hz		
		V		380	400	415	380	400	415
COOLING	Capacity	kW		50.0	50.0	50.0	56.0	56.0	56.0
		BTU/h		170600	170600	170600	191100	191100	191100
	Current	A		23.2	22.0	21.2	26.7	25.4	24.5
	Input power	W		14.2k	14.2k	14.2k	16.7k	16.7k	16.7k
	EER	(W/W)		3.52	3.52	3.52	3.35	3.35	3.35
	Power factor	%		93	93	93	95	95	95
	Noise outdoor	dB-A (Normal)		59.0			60.0		
		Power Level dB (Normal)		80.0			81.0		
		dB-A (Silent)		56.0			57.0		
HEATING	Capacity	kW		56.0	56.0	56.0	63.0	63.0	63.0
		BTU/h		191100	191100	191100	215000	215000	215000
	Current	A		21.1	20.1	19.4	25.9	24.6	23.7
	Input power	W		12.8k	12.8k	12.8k	16.0k	16.0k	16.0k
	COP	(W / W)		4.38	4.38	4.38	3.94	3.94	3.94
	Power factor	%		92	92	92	94	94	94
Max Current (A) / Max Input power (W)				31.5 / 19.3k	31.5 / 20.3k	31.5 / 21.1k	36.4 / 22.8k	36.4 / 24.0k	36.4 / 24.9k
Starting current (A)				2	2	2	2	2	2
Time Delay fuse max size (A)				50			60		
Fan motor output		W / Pole number		750×2 / 8			750×2 / 8		
External static pressure		Pa		0 ~ 80			0 ~ 80		
Air flow		m^3/ min		405			405		
Refrigerant type / amount g				R410A / 9.5k			R410A / 9.5k		
Product dimension		Height	mm	1842			1842		
		Width	mm	1540			1540		
		Depth	mm	1000			1000		
Packing dimension		Height	mm	1977			1977		
		Width	mm	1640			1640		
		Depth	mm	1100			1100		
Weight		(NET) kg		375			375		
		(GROSS) kg		395			395		
Layers limit				1			1		
Operation condition (Outdoor)		Cool (DBT)		-10°C ~ 52°C			-10°C ~ 52°C		
		Heat (WBT)		-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)		38.0 (3.80)			38.0 (3.80)		
		Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)			(Liquid) 15.88(5/8) (Gas) 28.58(1-1/8)			(Liquid) 15.88(5/8) (Gas) 28.58(1-1/8)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)		
	Balance pipe mm (inch)			6.35(1/4)			6.35(1/4)		
	Connecting method			flared(Liquid) , brazing(Gas) flared(Balance)			flared(Liquid) , brazing(Gas) flared(Balance)		
	Max tubing length m			7.5	~	200	7.5	~	200
	Total Max tubing length m			7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m			50 / 40			50 / 40		
Max connectable indoor units pcs.				29			33		
Max allowable indoor/outdoor capacity ratio %				50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (4)

				Space saving combination			Space saving combination			Space saving combination		
Outdoor Unit		MODEL		U-10ME2E8 U-12ME2E8			U-12ME2E8 U-12ME2E8			U-10ME2E8 U-16ME2E8		
Performance test condition				EN14511			EN14511			EN14511		
Power supply		ø,Hz		3ø 50Hz			3ø 50Hz			3ø 50Hz		
		V		380	400	415	380	400	415	380	400	415
COOLING	Capacity	kW		61.5	61.5	61.5	68.0	68.0	68.0	73.0	73.0	73.0
		BTU/h		209900	209900	209900	232100	232100	232100	249100	249100	249100
	Current	A		24.3	23.1	22.3	28.0	26.6	25.6	31.7	30.1	29.0
	Input power	W		14.9k	14.9k	14.9k	17.3k	17.3k	17.3k	19.2k	19.2k	19.2k
	EER	(W/W)		4.13	4.13	4.13	3.93	3.93	3.93	3.80	3.80	3.80
	Power factor	%		93	93	93	94	94	94	92	92	92
	Noise outdoor	dB-A (Normal)		61.0			62.0			62.5		
		Power Level dB (Normal)		82.0			83.0			83.5		
		dB-A (Silent)		58.0			59.0			59.5		
HEATING	Capacity	kW		69.0	69.0	69.0	76.5	76.5	76.5	81.5	81.5	81.5
		BTU/h		235500	235500	235500	261100	261100	261100	278200	278200	278200
	Current	A		23.9	22.7	21.9	26.6	25.3	24.4	29.9	28.4	27.4
	Input power	W		14.5k	14.5k	14.5k	16.3k	16.3k	16.3k	17.9k	17.9k	17.9k
	COP	(W / W)		4.76	4.76	4.76	4.69	4.69	4.69	4.55	4.55	4.55
	Power factor	%		92	92	92	93	93	93	91	91	91
Max Current (A) / Max Input power (W)				32.7 / 19.9k	32.7 / 21.0k	32.7 / 21.8k	36.4 / 22.5k	36.4 / 23.7k	36.4 / 24.6k	43.0 / 25.9k	43.0 / 27.3k	43.0 / 28.3k
Starting current (A)				1+1	1+1	1+1	1+1	1+1	1+1	1+2	1+2	1+2
Time Delay fuse max size (A)				25+30			30+30			25+40		
Fan motor output		W / Pole number		750+750 / 8			750+750 / 8			750+750 / 8		
External static pressure		Pa		0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m^3/ min		224+232			232+232			224+232		
Refrigerant type / amount g				R410A / 13.9k			R410A / 16.6k			R410A / 13.9k		
Product dimension		Height	mm	1842			1842			1842		
		Width	mm	(770)+(1180)+60			(1180)+(1180)+60			(770)+(1180)+60		
		Depth	mm	1000			1000			1000		
Packing dimension		Height	mm	-			-			-		
		Width	mm	-			-			-		
		Depth	mm	-			-			-		
Weight		(NET) kg		(210)+(270)			(270)+(270)			(210)+(315)		
		(GROSS) kg		-			-			-		
Layers limit				-			-			-		
Operation condition (Outdoor)		Cool (DBT)		-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
		Heat (WBT)		-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)		38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
		Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)			(Liquid) 15.88(5/8) (Gas) 28.58(1-1/8)			(Liquid) 15.88(5/8) (Gas) 28.58(1-1/8)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)			(Liquid) 22.22(7/8) (Gas) 38.1(1-1/2)		
	Balance pipe mm (inch)			6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method			-			-			-		
	Max tubing length m			7.5 ~ 200			7.5 ~ 200			7.5 ~ 200		
	Total Max tubing length m			7.5 ~ 1000			7.5 ~ 1000			7.5 ~ 1000		
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m			50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.				36			40			43		
Max allowable indoor/outdoor capacity ratio %				50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (5)

				Space saving combination			Space saving combination			Space saving combination		
Outdoor Unit		MODEL		U-12ME2E8 U-16ME2E8			U-14ME2E8 U-16ME2E8			U-16ME2E8 U-16ME2E8		
Performance test condition				EN14511			EN14511			EN14511		
Power supply		ø,Hz		3ø 50Hz			3ø 50Hz			3ø 50Hz		
		V		380	400	415	380	400	415	380	400	415
COOLING	Capacity	kW		78.5	78.5	78.5	85.0	85.0	85.0	90.0	90.0	90.0
		BTU/h		267900	267900	267900	290100	290100	290100	307200	307200	307200
	Current	A		34.8	33.1	31.9	38.6	36.6	35.3	42.3	40.2	38.7
	Input power	W		21.3k	21.3k	21.3k	23.1k	23.1k	23.1k	25.6k	25.6k	25.6k
	EER	(W/W)		3.69	3.69	3.69	3.68	3.68	3.68	3.52	3.52	3.52
	Power factor	%		93	93	93	91	91	91	92	92	92
	Noise outdoor	dB-A (Normal)		63.5			63.5			64.0		
		Power Level dB (Normal)		84.5			84.5			85.0		
		dB-A (Silent)		60.5			60.5			61.0		
HEATING	Capacity	kW		87.5	87.5	87.5	95.0	95.0	95.0	100	100	100
		BTU/h		298600	298600	298600	324200	324200	324200	341300	341300	341300
	Current	A		31.7	30.1	29.0	35.4	33.6	32.4	37.7	35.8	34.6
	Input power	W		19.2k	19.2k	19.2k	21.2k	21.2k	21.2k	22.6k	22.6k	22.6k
	COP	(W / W)		4.56	4.56	4.56	4.48	4.48	4.48	4.42	4.42	4.42
	Power factor	%		92	92	92	91	91	91	91	91	91
Max Current (A) / Max Input power (W)				46.7 / 28.5k	46.7 / 30.0k	46.7 / 31.1k	51.9 / 31.1k	51.9 / 32.8k	51.9 / 34.0k	57.0 / 34.5k	57.0 / 36.3k	57.0 / 37.7k
Starting current (A)				-	1+2	1+2	2+2	2+2	2+2	2+2	2+2	2+2
Time Delay fuse max size (A)				30+40			35+40			40+40		
Fan motor output		W / Pole number		750+750 / 8			750+750 / 8			750+750 / 8		
External static pressure		Pa		0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m^3/ min		232+232			232+232			232+232		
Refrigerant type / amount g				R410A / 16.6k			R410A / 16.6k			R410A / 16.6k		
Product dimension		Height	mm	1842			1842			1842		
		Width	mm	(1180)+(1180)+60			(1180)+(1180)+60			(1180)+(1180)+60		
		Depth	mm	1000			1000			1000		
Packing dimension		Height	mm	-			-			-		
		Width	mm	-			-			-		
		Depth	mm	-			-			-		
Weight		(NET) kg		(270)+(315)			(315)+(315)			(315)+(315)		
		(GROSS) kg		-			-			-		
Layers limit				-			-			-		
Operation condition (Outdoor)		Cool (DBT)		-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
		Heat (WBT)		-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)		38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
		Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)			(Liquid) 22.22(7/8) (Gas) 38.1(1-1/2)			(Liquid) 22.22(7/8) (Gas) 38.1(1-1/2)			(Liquid) 22.22(7/8) (Gas) 38.1(1-1/2)		
	Balance pipe mm (inch)			6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method			-			-			-		
	Max tubing length m			7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m			7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m			50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.				46			50			53		
Max allowable indoor/outdoor capacity ratio %				50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (6)

				Space saving combination			Space saving combination			Space saving combination		
Outdoor Unit		MODEL		U-14ME2E8 U-20ME2E8			U-16ME2E8 U-20ME2E8			U-18ME2E8 U-20ME2E8		
Performance test condition				EN14511			EN14511			EN14511		
Power supply		ø,Hz		3ø 50Hz			3ø 50Hz			3ø 50Hz		
		V		380	400	415	380	400	415	380	400	415
COOLING	Capacity	kW		96.0	96.0	96.0	101	101	101	107	107	107
		BTU/h		327600	327600	327600	344700	344700	344700	365200	365200	365200
	Current	A		44.1	41.9	40.4	47.7	45.3	43.7	50.6	48.1	46.3
	Input power	W		27.0k	27.0k	27.0k	29.5k	29.5k	29.5k	31.3k	31.3k	31.3k
	EER	(W/W)		3.56	3.56	3.56	3.42	3.42	3.42	3.42	3.42	3.42
	Power factor	%		93	93	93	94	94	94	94	94	94
	Noise outdoor	dB-A (Normal)		63.0			63.5			62.5		
		Power Level dB (Normal)		84.0			84.5			83.5		
		dB-A (Silent)		60.0			60.5			59.5		
HEATING	Capacity	kW		108	108	108	113	113	113	119	119	119
		BTU/h		368600	368600	368600	385700	385700	385700	406100	406100	406100
	Current	A		42.8	40.6	39.2	44.6	42.4	40.8	47.1	44.7	43.1
	Input power	W		25.9k	25.9k	25.9k	27.3k	27.3k	27.3k	28.8k	28.8k	28.8k
	COP	(W / W)		4.17	4.17	4.17	4.14	4.14	4.14	4.13	4.13	4.13
	Power factor	%		92	92	92	93	93	93	93	93	93
Max Current (A) / Max Input power (W)				59.8 / 36.6k	59.8 / 38.5k	59.8 / 40.0k	64.9 / 40.0k	64.9 / 42.1k	64.9 / 43.7k	67.9 / 42.0k	67.9 / 44.3k	67.9 / 45.9k
Starting current (A)				2+2	2+2	2+2	2+2	2+2	2+2	2+2	2+2	2+2
Time Delay fuse max size (A)				35+60			40+60			50+60		
Fan motor output		W / Pole number		750+750×2 / 8			750+750×2 / 8			750×2+750×2 / 8		
External static pressure		Pa		0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m^3/ min		232+405			232+405			405+405		
Refrigerant type / amount g				R410A / 17.8k			R410A / 17.8k			R410A / 19.0k		
Product dimension		Height	mm	1842			1842			1842		
		Width	mm	(1180)+(1540)+60			(1180)+(1540)+60			(1540)+(1540)+60		
		Depth	mm	1000			1000			1000		
Packing dimension		Height	mm	-			-			-		
		Width	mm	-			-			-		
		Depth	mm	-			-			-		
Weight		(NET) kg		(315)+(375)			(315)+(375)			(375)+(375)		
		(GROSS) kg		-			-			-		
Layers limit				-			-			-		
Operation condition (Outdoor)		Cool (DBT)		-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
		Heat (WBT)		-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)		38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
		Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)			(Liquid) 22.22(7/8) (Gas) 38.1(1-1/2)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)		
	Balance pipe mm (inch)			6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method			-			-			-		
	Max tubing length m			7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m			7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m			50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.				56			59			63		
Max allowable indoor/outdoor capacity ratio %				50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (7)

				Space saving combination		
Outdoor Unit		MODEL		U-20ME2E8 U-20ME2E8		
Performance test condition				EN14511		
Power supply		ø,Hz		3ø 50Hz		
		V		380	400	415
COOLING	Capacity	kW		113	113	113
		BTU/h		385700	385700	385700
	Current	A		54.1	51.4	49.5
	Input power	W		33.8k	33.8k	33.8k
	EER	(W/W)		3.34	3.34	3.34
	Power factor	%		95	95	95
	Noise outdoor	dB-A (Normal)		63.0		
		Power Level dB (Normal)		84.0		
		dB-A (Silent)		60.0		
HEATING	Capacity	kW		127	127	127
		BTU/h		433400	433400	433400
	Current	A		52.4	49.8	48.0
	Input power	W		32.4k	32.4k	32.4k
	COP	(W / W)		3.92	3.92	3.92
	Power factor	%		94	94	94
Max Current (A) / Max Input power (W)				72.8 / 45.5k	72.8 / 47.9k	72.8 / 49.7k
Starting current (A)				2+2	2+2	2+2
Time Delay fuse max size (A)				60+60		
Fan motor output		W / Pole number		750×2+750×2 / 8		
External static pressure		Pa		0 ~ 80		
Air flow		m^3/ min		405+405		
Refrigerant type / amount g				R410A / 19.0k		
Product dimension		Height	mm	1842		
		Width	mm	(1540)+(1540)+60		
		Depth	mm	1000		
Packing dimension		Height	mm	-		
		Width	mm	-		
		Depth	mm	-		
Weight		(NET) kg		(375)+(375)		
		(GROSS) kg		-		
Layers limit				-		
Operation condition (Outdoor)		Cool (DBT)		-10°C ~ 52°C		
		Heat (WBT)		-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)		38.0 (3.80)		
		Low side bar (MPa)		31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)		
	Balance pipe mm (inch)			6.35(1/4)		
	Connecting method			-		
	Max tubing length m			7.5	~	200
	Total Max tubing length m			7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m			50 / 40		
Max connectable indoor units pcs.				64		
Max allowable indoor/outdoor capacity ratio %				50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (8)

Outdoor Unit		MODEL	Space saving combination U-10ME2E8 U-16ME2E8 U-16ME2E8			Space saving combination U-12ME2E8 U-16ME2E8 U-16ME2E8			Space saving combination U-14ME2E8 U-16ME2E8 U-16ME2E8		
Performance test condition			EN14511			EN14511			EN14511		
Power supply		ø,Hz	3ø 50Hz			3ø 50Hz			3ø 50Hz		
		V	380	400	415	380	400	415	380	400	415
COOLING	Capacity	kW	118	118	118	124	124	124	130	130	130
		BTU/h	402700	402700	402700	423200	423200	423200	443700	443700	443700
	Current	A	52.8	50.2	48.4	56.0	53.2	51.3	59.9	56.9	54.9
	Input power	W	32.0k	32.0k	32.0k	34.3k	34.3k	34.3k	35.9k	35.9k	35.9k
	EER	(W/W)	3.69	3.69	3.69	3.62	3.62	3.62	3.62	3.62	3.62
	Power factor	%	92	92	92	93	93	93	91	91	91
	Noise outdoor	dB-A (Normal)	65.0			65.5			65.5		
		Power Level dB (Normal)	86.0			86.5			86.5		
		dB-A (Silent)	62.0			62.5			62.5		
HEATING	Capacity	kW	132	132	132	138	138	138	145	145	145
		BTU/h	450500	450500	450500	471000	471000	471000	494900	494900	494900
	Current	A	49.1	46.6	44.9	50.7	48.2	46.4	54.3	51.5	49.7
	Input power	W	29.4k	29.4k	29.4k	30.7k	30.7k	30.7k	32.5k	32.5k	32.5k
	COP	(W / W)	4.49	4.49	4.49	4.50	4.50	4.50	4.46	4.46	4.46
	Power factor	%	91	91	91	92	92	92	91	91	91
Max Current (A) / Max Input power (W)			71.5 / 43.2k	71.5 / 45.5k	71.5 / 47.2k	75.2 / 45.8k	75.2 / 48.2k	75.2 / 50.0k	80.4 / 48.4k	80.4 / 50.9k	80.4 / 52.8k
Starting current (A)			1+2+2	1+2+2	1+2+2	1+2+2	1+2+2	1+2+2	2+2+2	2+2+2	2+2+2
Time Delay fuse max size (A)			25+40+40			30+40+40			35+40+40		
Fan motor output		W / Pole number	750+750+750 / 8			750+750+750 / 8			750+750+750 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m^3/ min	224+232+232			232+232+232			232+232+232		
Refrigerant type / amount g			R410A / 22.2k			R410A / 24.9k			R410A / 24.9k		
Product dimension		Height mm	1842			1842			1842		
		Width mm	(770)+(1180)+(1180)+120			(1180)+(1180)+(1180)+120			(1180)+(1180)+(1180)+120		
		Depth mm	1000			1000			1000		
Packing dimension		Height mm	-			-			-		
		Width mm	-			-			-		
		Depth mm	-			-			-		
Weight		(NET) kg	(210)+(315)+(315)			(270)+(315)+(315)			(315)+(315)+(315)		
		(GROSS) kg	-			-			-		
Layers limit			-			-			-		
Operation condition (Outdoor)		Cool (DBT)	-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
		Heat (WBT)	-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)	38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
		Low side bar (MPa)	31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method		-			-			-		
	Max tubing length m		75	~	200	75	~	200	75	~	200
	Total Max tubing length m		75	~	1000	75	~	1000	75	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.			64			64			64		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100 kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (9)

Outdoor Unit		MODEL	Space saving combination U-16ME2E8 U-16ME2E8 U-16ME2E8			Space saving combination U-14ME2E8 U-16ME2E8 U-20ME2E8			Space saving combination U-16ME2E8 U-16ME2E8 U-20ME2E8		
Performance test condition			EN14511			EN14511			EN14511		
Power supply		ø,Hz	3ø 50Hz			3ø 50Hz			3ø 50Hz		
		V	380	400	415	380	400	415	380	400	415
COOLING	Capacity	kW	135	135	135	140	140	140	145	145	145
		BTU/h	460800	460800	460800	477800	477800	477800	494900	494900	494900
	Current	A	63.4	60.2	58.1	64.4	61.1	58.9	68.5	65.0	62.7
	Input power	W	38.4k	38.4k	38.4k	39.4k	39.4k	39.4k	41.9k	41.9k	41.9k
	EER	(W/W)	3.52	3.52	3.52	3.55	3.55	3.55	3.46	3.46	3.46
	Power factor	%	92	92	92	93	93	93	93	93	93
	Noise outdoor	dB-A (Normal)	66.0			65.5			65.5		
		Power Level dB (Normal)	87.0			86.5			86.5		
		dB-A (Silent)	63.0			62.5			62.5		
HEATING	Capacity	kW	150	150	150	155	155	155	160	160	160
		BTU/h	511900	511900	511900	529000	529000	529000	546100	546100	546100
	Current	A	56.6	53.8	51.8	59.6	56.6	54.6	61.9	58.8	56.7
	Input power	W	33.9k	33.9k	33.9k	36.1k	36.1k	36.1k	37.5k	37.5k	37.5k
	COP	(W / W)	4.42	4.42	4.42	4.29	4.29	4.29	4.27	4.27	4.27
	Power factor	%	91	91	91	92	92	92	92	92	92
Max Current (A) / Max Input power (W)			85.5 / 51.8k	85.5 / 54.5k	85.5 / 56.5k	88.3 / 53.9k	88.3 / 56.7k	88.3 / 58.8k	93.4 / 57.3k	93.4 / 60.3k	93.4 / 62.6k
Starting current (A)			2+2+2	2+2+2	2+2+2	2+2+2	2+2+2	2+2+2	2+2+2	2+2+2	2+2+2
Time Delay fuse max size (A)			40+40+40			35+40+60			40+40+60		
Fan motor output		W / Pole number	750+750+750 / 8			750+750+750×2 / 8			750+750+750×2 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m^3/ min	232+232+232			232+232+405			232+232+405		
Refrigerant type / amount g			R410A / 24.9k			R410A / 26.1k			R410A / 26.1k		
Product dimension		Height mm	1842			1842			1842		
		Width mm	(1180)+(1180)+(1180)+120			(1180)+(1180)+(1540)+120			(1180)+(1180)+(1540)+120		
		Depth mm	1000			1000			1000		
Packing dimension		Height mm	-			-			-		
		Width mm	-			-			-		
		Depth mm	-			-			-		
Weight		(NET) kg	(315)+(315)+(315)			(315)+(315)+(375)			(315)+(315)+(375)		
		(GROSS) kg	-			-			-		
Layers limit			-			-			-		
Operation condition (Outdoor)		Cool (DBT)	-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
		Heat (WBT)	-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)	38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
		Low side bar (MPa)	31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method		-			-			-		
	Max tubing length m		7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.			64			64			64		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (10)

Outdoor Unit		MODEL	Space saving combination U-14ME2E8 U-20ME2E8 U-20ME2E8			Space saving combination U-16ME2E8 U-20ME2E8 U-20ME2E8			Space saving combination U-18ME2E8 U-20ME2E8 U-20ME2E8		
Performance test condition			EN14511			EN14511			EN14511		
Power supply		ø,Hz	3ø 50Hz			3ø 50Hz			3ø 50Hz		
		V	380	400	415	380	400	415	380	400	415
COOLING	Capacity	kW	151	151	151	156	156	156	162	162	162
		BTU/h	515400	515400	515400	532400	532400	532400	552900	552900	552900
	Current	A	70.0	66.5	64.1	74.0	70.3	67.8	76.9	73.1	70.4
	Input power	W	43.3k	43.3k	43.3k	45.8k	45.8k	45.8k	47.6k	47.6k	47.6k
	EER	(W/W)	3.49	3.49	3.49	3.41	3.41	3.41	3.40	3.40	3.40
	Power factor	%	94	94	94	94	94	94	94	94	94
	Noise outdoor	dB-A (Normal)	65.0			65.5			64.5		
		Power Level dB (Normal)	86.0			86.5			85.5		
		dB-A (Silent)	62.0			62.5			61.5		
HEATING	Capacity	kW	169	169	169	175	175	175	182	182	182
		BTU/h	576800	576800	576800	597300	597300	597300	621200	621200	621200
	Current	A	67.1	63.8	61.5	70.1	66.6	64.2	73.2	69.5	67.0
	Input power	W	41.1k	41.1k	41.1k	42.9k	42.9k	42.9k	44.8k	44.8k	44.8k
	COP	(W / W)	4.11	4.11	4.11	4.08	4.08	4.08	4.06	4.06	4.06
	Power factor	%	93	93	93	93	93	93	93	93	93
Max Current (A) / Max Input power (W)			96.2 / 59.4k	96.2 / 62.5k	96.2 / 64.9k	101.3 / 62.8k	101.3 / 66.1k	101.3 / 68.6k	104.3 / 64.8k	104.3 / 68.2k	104.3 / 70.8k
Starting current (A)			2+2+2	2+2+2	2+2+2	-	2+2+2	2+2+2	-	2+2+2	2+2+2
Time Delay fuse max size (A)			35+60+60			40+60+60			50+60+60		
Fan motor output		W / Pole number	750+750×2+750×2 / 8			750+750×2+750×2 / 8			750×2+750×2+750×2 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m^3/ min	232+405+405			232+405+405			405+405+405		
Refrigerant type / amount g			R410A / 27.3k			R410A / 27.3k			R410A / 28.5k		
Product dimension		Height mm	1842			1842			1842		
		Width mm	(1180)+(1540)+(1540)+120			(1180)+(1540)+(1540)+120			(1540)+(1540)+(1540)+120		
		Depth mm	1000			1000			1000		
Packing dimension		Height mm	-			-			-		
		Width mm	-			-			-		
		Depth mm	-			-			-		
Weight		(NET) kg	(315)+(375)+(375)			(315)+(375)+(375)			(375)+(375)+(375)		
		(GROSS) kg	-			-			-		
Layers limit			-			-			-		
Operation condition (Outdoor)		Cool (DBT)	-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
		Heat (WBT)	-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)	38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
		Low side bar (MPa)	31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method		-			-			-		
	Max tubing length m		7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.			64			64			64		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

4

1. Outdoor Unit

1-1. Specifications

Unit specifications (11)

				Space saving combination		
Outdoor Unit		MODEL		U-20ME2E8 U-20ME2E8 U-20ME2E8		
Performance test condition				EN14511		
Power supply		ø,Hz		3ø 50Hz		
		V		380	400	415
COOLING	Capacity	kW		168	168	168
		BTU/h		573400	573400	573400
	Current	A		80.1	76.1	73.4
	Input power	W		50.1k	50.1k	50.1k
	EER	(W/W)		3.35	3.35	3.35
	Power factor	%		95	95	95
	Noise outdoor	dB-A (Normal)		65.0		
		Power Level dB (Normal)		86.0		
		dB-A (Silent)		62.0		
HEATING	Capacity	kW		189	189	189
		BTU/h		645100	645100	645100
	Current	A		77.6	73.7	71.0
	Input power	W		48.0k	48.0k	48.0k
	COP	(W / W)		3.94	3.94	3.94
	Power factor	%		94	94	94
Max Current (A) / Max Input power (W)				109.2 / 68.3k	109.2 / 71.9k	109.2 / 74.6k
Starting current (A)				-	2+2+2	2+2+2
Time Delay fuse max size (A)				60+60+60		
Fan motor output		W / Pole number		750×2+750×2+750×2 / 8		
External static pressure		Pa		0 ~ 80		
Air flow		m^3/ min		405+405+405		
Refrigerant type / amount g				R410A / 28.5k		
Product dimension		Height	mm	1842		
		Width	mm	(1540)+(1540)+(1540)+120		
		Depth	mm	1000		
Packing dimension		Height	mm	-		
		Width	mm	-		
		Depth	mm	-		
Weight		(NET) kg		(375)+(375)+(375)		
		(GROSS) kg		-		
Layers limit				-		
Operation condition (Outdoor)		Cool (DBT)		-10°C ~ 52°C		
		Heat (WBT)		-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)		38.0 (3.80)		
		Low side bar (MPa)		31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)		
	Balance pipe mm (inch)			6.35(1/4)		
	Connecting method			-		
	Max tubing length m			7.5	~	200
	Total Max tubing length m			7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m			50 / 40		
Max connectable indoor units pcs.				64		
Max allowable indoor/outdoor capacity ratio %				50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (12)

				Space saving combination			Space saving combination			Space saving combination		
Outdoor Unit		MODEL		U-14ME2E8 U-16ME2E8 U-16ME2E8 U-16ME2E8			U-16ME2E8 U-16ME2E8 U-16ME2E8 U-16ME2E8			U-10ME2E8 U-16ME2E8 U-20ME2E8 U-20ME2E8		
Performance test condition				EN14511			EN14511			EN14511		
Power supply		ø,Hz		3ø 50Hz			3ø 50Hz			3ø 50Hz		
		V		380	400	415	380	400	415	380	400	415
COOLING	Capacity	kW		174	174	174	180	180	180	185	185	185
		BTU/h		593900	593900	593900	614300	614300	614300	631400	631400	631400
	Current	A		79.8	75.8	73.0	84.6	80.3	77.4	85.0	80.8	77.8
	Input power	W		48.3k	48.3k	48.3k	51.2k	51.2k	51.2k	52.6k	52.6k	52.6k
	EER	(W/W)		3.60	3.60	3.60	3.52	3.52	3.52	3.52	3.52	3.52
	Power factor	%		92	92	92	92	92	92	94	94	94
	Noise outdoor	dB-A (Normal)		67.0			67.0			66.0		
		Power Level dB (Normal)		88.0			88.0			87.0		
		dB-A (Silent)		64.0			64.0			63.0		
HEATING	Capacity	kW		195	195	195	201	201	201	207	207	207
		BTU/h		665500	665500	665500	686000	686000	686000	706500	706500	706500
	Current	A		73.1	69.5	67.0	76.0	72.2	69.6	81.2	77.1	74.3
	Input power	W		43.8k	43.8k	43.8k	45.5k	45.5k	45.5k	49.7k	49.7k	49.7k
	COP	(W / W)		4.45	4.45	4.45	4.42	4.42	4.42	4.16	4.16	4.16
	Power factor	%		91	91	91	91	91	91	93	93	93
Max Current (A) / Max Input power (W)				108.9 / 65.6k	108.9 / 69.1k	108.9 / 71.7k	114.0 / 69.0k	114.0 / 72.7k	114.0 / 75.4k	115.8 / 71.5k	115.8 / 75.2k	115.8 / 78.0k
Starting current (A)				-	2+2+2+2	2+2+2+2	2+2+2+2	2+2+2+2	2+2+2+2	1+2+2+2	1+2+2+2	1+2+2+2
Time Delay fuse max size (A)				35+40+40+40			40+40+40+40			25+40+60+60		
Fan motor output		W / Pole number		750+750+750+750 / 8			750+750+750+750 / 8			750+750+750×2+750×2 / 8		
External static pressure		Pa		0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m^3/ min		232+232+232+232			232+232+232+232			224+232+405+405		
Refrigerant type / amount g				R410A / 33.2k			R410A / 33.2k			R410A / 32.9k		
Product dimension		Height	mm	1842			1842			1842		
		Width	mm	(1180)+(1180)+(1180)+(1180)+180			(1180)+(1180)+(1180)+(1180)+180			(770)+(1180)+(1540)+(1540)+180		
		Depth	mm	1000			1000			1000		
Packing dimension		Height	mm	-			-			-		
		Width	mm	-			-			-		
		Depth	mm	-			-			-		
Weight		(NET) kg		(315)+(315)+(315)+(315)			(315)+(315)+(315)+(315)			(210)+(315)+(375)+(375)		
		(GROSS) kg		-			-			-		
Layers limit				-			-			-		
Operation condition (Outdoor)		Cool (DBT)		-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
		Heat (WBT)		-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)		38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
		Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)			(Liquid) 19.05(3/4) (Gas) 41.28(1-5/8)			(Liquid) 19.05(3/4) (Gas) 41.28(1-5/8)			(Liquid) 19.05(3/4) (Gas) 41.28(1-5/8)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)			(Liquid) 22.22(7/8) (Gas) 44.45(1-3/4)			(Liquid) 22.22(7/8) (Gas) 44.45(1-3/4)			(Liquid) 22.22(7/8) (Gas) 44.45(1-3/4)		
	Balance pipe mm (inch)			6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method			-			-			-		
	Max tubing length m			7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m			7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m			50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.				64			64			64		
Max allowable indoor/outdoor capacity ratio %				50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (13)

				Space saving combination			Space saving combination			Space saving combination		
Outdoor Unit		MODEL		U-12ME2E8 U-16ME2E8 U-20ME2E8 U-20ME2E8			U-10ME2E8 U-20ME2E8 U-20ME2E8 U-20ME2E8			U-16ME2E8 U-16ME2E8 U-20ME2E8 U-20ME2E8		
Performance test condition				EN14511			EN14511			EN14511		
Power supply		ø,Hz		3ø 50Hz			3ø 50Hz			3ø 50Hz		
		V		380	400	415	380	400	415	380	400	415
COOLING	Capacity	kW		190	190	190	196	196	196	202	202	202
		BTU/h		648500	648500	648500	668900	668900	668900	689400	689400	689400
	Current	A		88.1	83.7	80.7	91.3	86.8	83.6	95.4	90.6	87.3
	Input power	W		54.5k	54.5k	54.5k	56.5k	56.5k	56.5k	59.0k	59.0k	59.0k
	EER	(W/W)		3.49	3.49	3.49	3.47	3.47	3.47	3.42	3.42	3.42
	Power factor	%		94	94	94	94	94	94	94	94	94
	Noise outdoor	dB-A (Normal)		66.5			65.5			66.5		
		Power Level dB (Normal)		87.5			86.5			87.5		
		dB-A (Silent)		63.5			62.5			63.5		
HEATING	Capacity	kW		213	213	213	219	219	219	226	226	226
		BTU/h		727000	727000	727000	747400	747400	747400	771300	771300	771300
	Current	A		83.3	79.2	76.3	87.4	83.1	80.1	89.2	84.7	81.7
	Input power	W		51.0k	51.0k	51.0k	54.1k	54.1k	54.1k	54.6k	54.6k	54.6k
	COP	(W / W)		4.18	4.18	4.18	4.05	4.05	4.05	4.14	4.14	4.14
	Power factor	%		93	93	93	94	94	94	93	93	93
Max Current (A) / Max Input power (W)				119.5 / 74.0k	119.5 / 77.9k	119.5 / 80.9k	123.7 / 77.0k	123.7 / 81.0k	123.7 / 84.1k	129.8 / 80.0k	129.8 / 84.2k	129.8 / 87.4k
Starting current (A)				1+2+2+2	1+2+2+2	1+2+2+2	1+2+2+2	1+2+2+2	1+2+2+2	2+2+2+2	2+2+2+2	2+2+2+2
Time Delay fuse max size (A)				30+40+60+60			25+60+60+60			40+40+60+60		
Fan motor output		W / Pole number		750+750+750×2+750×2 / 8			750+750×2+750×2+750×2 / 8			750+750+750×2+750×2 / 8		
External static pressure		Pa		0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m^3/ min		232+232+405+405			224+405+405+405			232+232+405+405		
Refrigerant type / amount g				R410A / 35.6k			R410A / 34.1k			R410A / 35.8k		
Product dimension		Height	mm	1842			1842			1842		
		Width	mm	(1180)+(1180)+(1540)+(1540)+180			(770)+(1540)+(1540)+(1540)+180			(1180)+(1180)+(1540)+(1540)+180		
		Depth	mm	1000			1000			1000		
Packing dimension		Height	mm	-			-			-		
		Width	mm	-			-			-		
		Depth	mm	-			-			-		
Weight		(NET) kg		(270)+(315)+(375)+(375)			(210)+(375)+(375)+(375)			(315)+(315)+(375)+(375)		
		(GROSS) kg		-			-					
Layers limit				-			-					
Operation condition (Outdoor)		Cool (DBT)		-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
		Heat (WBT)		-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)		38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
		Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 44.45(1-3/4)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)			(Liquid) 25.4(1) (Gas) 44.45(1-3/4)			(Liquid) 25.4(1) (Gas) 44.45(1-3/4)			(Liquid) 25.4(1) (Gas) 50.8(2)		
	Balance pipe mm (inch)			6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method			-			-			-		
	Max tubing length m			7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m			7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m			50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.				64			64			64		
Max allowable indoor/outdoor capacity ratio %				50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (14)

Outdoor Unit		MODEL	Space saving combination U-16ME2E8 U-18ME2E8 U-20ME2E8 U-20ME2E8			Space saving combination U-16ME2E8 U-20ME2E8 U-20ME2E8 U-20ME2E8			Space saving combination U-18ME2E8 U-20ME2E8 U-20ME2E8 U-20ME2E8		
Performance test condition			EN14511			EN14511			EN14511		
Power supply		ø,Hz	3ø 50Hz			3ø 50Hz			3ø 50Hz		
		V	380	400	415	380	400	415	380	400	415
COOLING	Capacity	kW	208	208	208	213	213	213	219	219	219
		BTU/h	709900	709900	709900	727000	727000	727000	747400	747400	747400
	Current	A	98.3	93.4	90.0	101.7	96.6	93.1	103.5	98.3	94.7
	Input power	W	60.8k	60.8k	60.8k	62.9k	62.9k	62.9k	64.7k	64.7k	64.7k
	EER	(W/W)	3.42	3.42	3.42	3.39	3.39	3.39	3.38	3.38	3.38
	Power factor	%	94	94	94	94	94	94	95	95	95
	Noise outdoor	dB-A (Normal)	66.5			66.5			66.0		
		Power Level dB (Normal)	87.5			87.5			87.0		
		dB-A (Silent)	63.5			63.5			63.0		
HEATING	Capacity	kW	233	233	233	239	239	239	245	245	245
		BTU/h	795200	795200	795200	815700	815700	815700	836200	836200	836200
	Current	A	92.3	87.7	84.5	96.9	92.0	88.7	98.3	93.4	90.0
	Input power	W	56.5k	56.5k	56.5k	59.3k	59.3k	59.3k	60.8k	60.8k	60.8k
	COP	(W / W)	4.12	4.12	4.12	4.03	4.03	4.03	4.03	4.03	4.03
	Power factor	%	93	93	93	93	93	93	94	94	94
Max Current (A) / Max Input power (W)			132.8 / 82.1k	132.8 / 86.4k	132.8 / 89.6k	137.7 / 85.5k	137.7 / 90.0k	137.7 / 93.4k	140.7 / 87.6k	140.7 / 92.2k	140.7 / 95.6k
Starting current (A)			2+2+2+2	2+2+2+2	2+2+2+2	2+2+2+2	2+2+2+2	2+2+2+2	2+2+2+2	2+2+2+2	2+2+2+2
Time Delay fuse max size (A)			40+50+60+60			40+60+60+60			50+60+60+60		
Fan motor output		W / Pole number	750+750×2+750×2+750×2 / 8			750+750×2+750×2+750×2 / 8			750×2+750×2+750×2+750×2 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m^3/ min	232+405+405+405			232+405+405+405			405+405+405+405		
Refrigerant type / amount g			R410A / 36.8k			R410A / 36.8k			R410A / 38.0k		
Product dimension		Height mm	1842			1842			1842		
		Width mm	(1180)+(1540)+(1540)+(1540)+180			(1180)+(1540)+(1540)+(1540)+180			(1540)+(1540)+(1540)+(1540)+180		
		Depth mm	1000			1000			1000		
Packing dimension		Height mm	-			-			-		
		Width mm	-			-			-		
		Depth mm	-			-			-		
Weight		(NET) kg	(315)+(375)+(375)+(375)			(315)+(375)+(375)+(375)			(375)+(375)+(375)+(375)		
		(GROSS) kg	-			-			-		
Layers limit			-			-			-		
Operation condition (Outdoor)		Cool (DBT)	-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
		Heat (WBT)	-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)	38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
		Low side bar (MPa)	31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 22.22(7/8) (Gas) 44.45(1-3/4)			(Liquid) 22.22(7/8) (Gas) 44.45(1-3/4)			(Liquid) 22.22(7/8) (Gas) 44.45(1-3/4)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 25.4(1) (Gas) 50.8(2)			(Liquid) 25.4(1) (Gas) 50.8(2)			(Liquid) 25.4(1) (Gas) 50.8(2)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method		-			-			-		
	Max tubing length m		7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.			64			64			64		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (15)

				Space saving combination		
Outdoor Unit		MODEL		U-20ME2E8 U-20ME2E8 U-20ME2E8 U-20ME2E8		
Performance test condition				EN14511		
Power supply		ø,Hz		3ø 50Hz		
		V		380	400	415
COOLING	Capacity	kW		224	224	224
		BTU/h		764500	764500	764500
	Current	A		106.8	101.5	97.8
	Input power	W		66.8k	66.8k	66.8k
	EER	(W/W)		3.35	3.35	3.35
	Power factor	%		95	95	95
	Noise outdoor	dB-A (Normal)		66.0		
		Power Level dB (Normal)		87.0		
		dB-A (Silent)		63.0		
HEATING	Capacity	kW		252	252	252
		BTU/h		860100	860100	860100
	Current	A		103.4	98.3	94.7
	Input power	W		64.0k	64.0k	64.0k
	COP	(W / W)		3.94	3.94	3.94
	Power factor	%		94	94	94
Max Current (A) / Max Input power (W)				145.6 / 91.0k	145.6 / 95.8k	145.6 / 99.4k
Starting current (A)				2+2+2+2	2+2+2+2	2+2+2+2
Time Delay fuse max size (A)				60+60+60+60		
Fan motor output		W / Pole number		750×2+750×2+750×2+750×2 / 8		
External static pressure		Pa		0 ~ 80		
Air flow		m^3/ min		405+405+405+405		
Refrigerant type / amount g				R410A / 38.0k		
Product dimension		Height	mm	1842		
		Width	mm	(1540)+(1540)+(1540)+(1540)+180		
		Depth	mm	1000		
Packing dimension		Height	mm	-		
		Width	mm	-		
		Depth	mm	-		
Weight		(NET) kg		(375)+(375)+(375)+(375)		
		(GROSS) kg		-		
Layers limit				-		
Operation condition (Outdoor)		Cool (DBT)		-10°C ~ 52°C		
		Heat (WBT)		-25°C ~ 18°C		
MAX. WORKING PRESSURE		High side bar (MPa)		38.0 (3.80)		
		Low side bar (MPa)		31.1 (3.11)		
PIPING	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)			(Liquid) 22.22(7/8) (Gas) 44.45(1-3/4)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)			(Liquid) 25.4(1) (Gas) 50.8(2)		
	Balance pipe mm (inch)			6.35(1/4)		
	Connecting method			-		
	Max tubing length m			7.5	~	200
	Total Max tubing length m			7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m			50 / 40		
Max connectable indoor units pcs.				64		
Max allowable indoor/outdoor capacity ratio %				50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

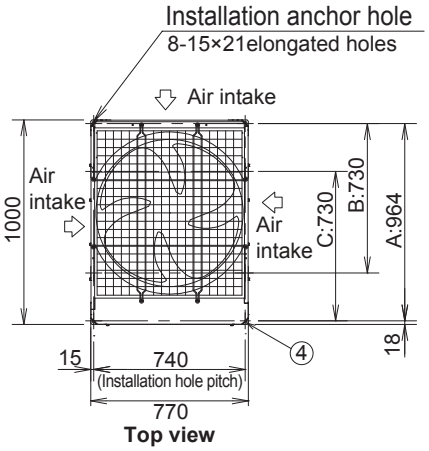
Necessary amount of additional refrigerant charge per outdoor unit, for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP or 18HP or 20HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

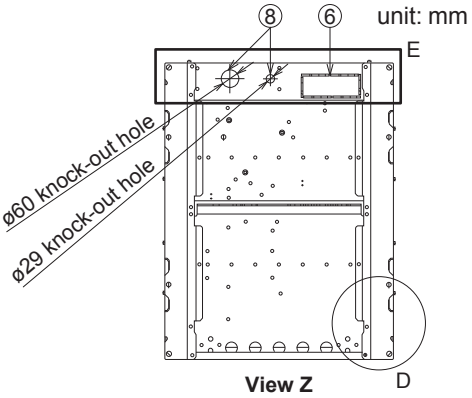
1. Outdoor Unit

1-2. Dimensional Data

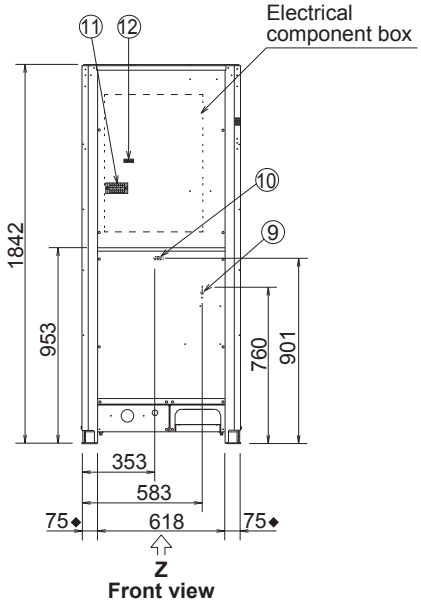
U-8ME2E8, U-10ME2E8



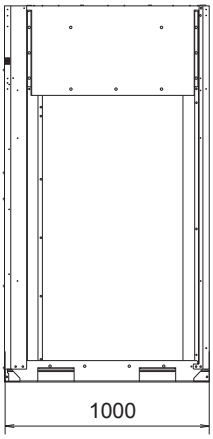
Top view



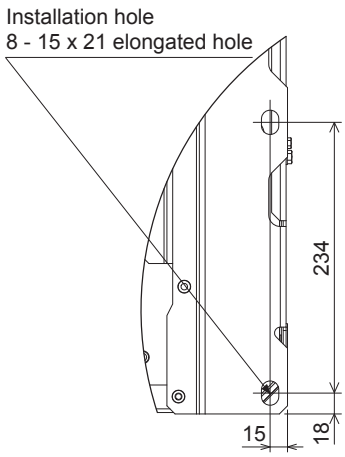
View Z



Front view

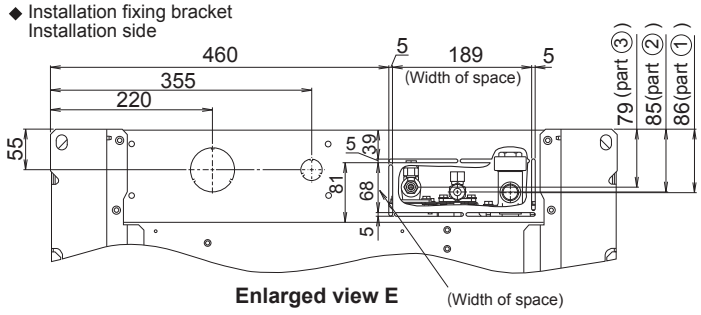


Side view



Enlarged view D

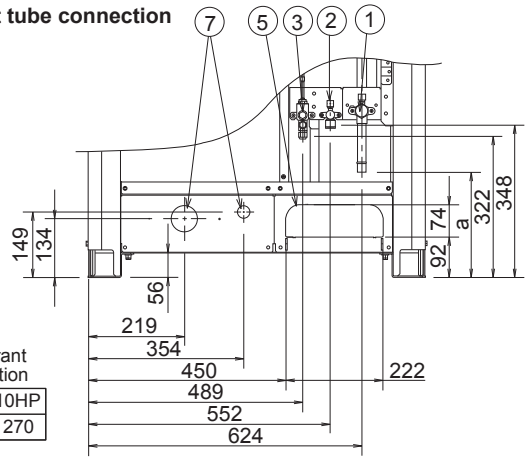
◆ Installation fixing bracket
Installation side



Enlarged view E

According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from "A", "B" or "C".
A : 964 (Installation hole pitch) * The tubing is routed out from the front.
B : 730 (Installation hole pitch) * The tubing is routed out from the bottom.
C : 730 (Installation hole pitch)

Position of refrigerant tube connection



Dimension of refrigerant tube connecting position

Types of unit	8HP	10HP
a	240	270

	Types of unit		8HP	10HP
①	Refrigerant tubing (gas tube)	brazed connection	ø19.05	ø22.22
②	Refrigerant tubing (liquid tube)	flared connection	ø9.52	ø9.52
③	Refrigerant tubing (balance tube)	flared connection	ø6.35	ø6.35
④	Installation holes(8-15x21 elongated holes), anchor bolts M12 or larger			
⑤	Refrigerant tubing port (front: knock-out hole)			
⑥	Refrigerant tubing port (bottom: slit hole)			
⑦	Electrical wiring port (front: ø60, ø29 knock-out hole - for conduit connection)			
⑧	Electrical wiring port (bottom: ø60, ø29 knock-out hole - for conduit connection)			
⑨	Pressure outlet port (for high pressure: ø7.94 Schrader-type connection)			
⑩	Pressure outlet port (for low pressure: ø7.94 Schrader-type connection)			
⑪	Terminal plate			
⑫	Terminal plate for inter-unit control wiring and/or inter-outdoor unit control wiring			

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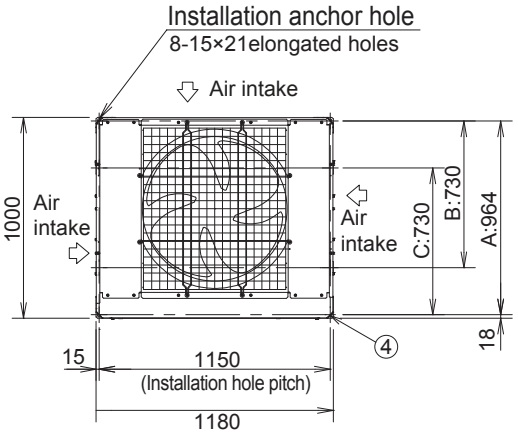
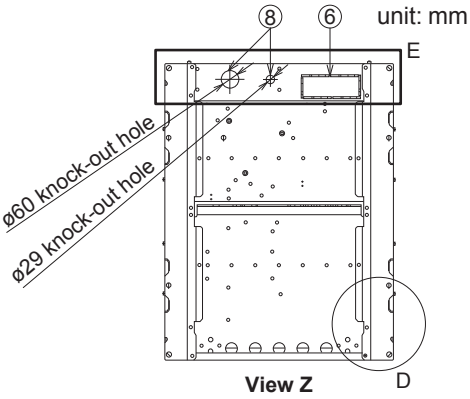
1. Outdoor Unit

1-2. Dimensional Data (continued)

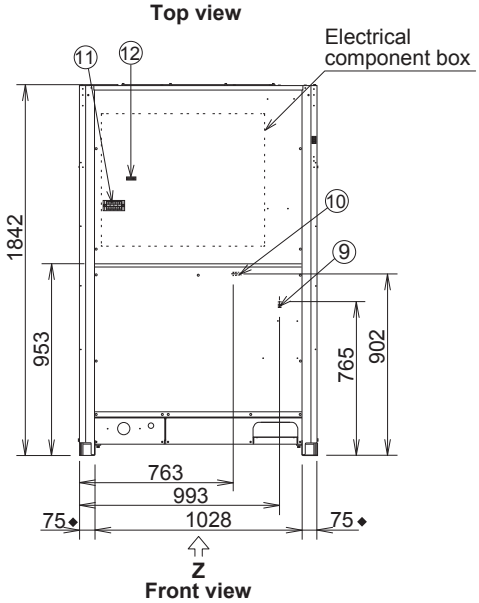
U-12ME2E8, U-14ME2E8, U-16ME2E8



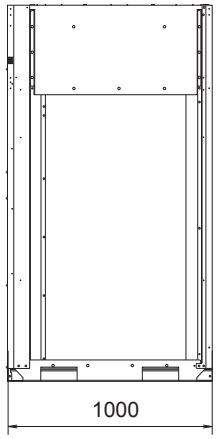
Top view



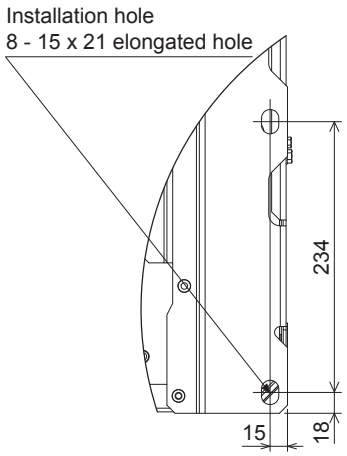
View Z



Front view

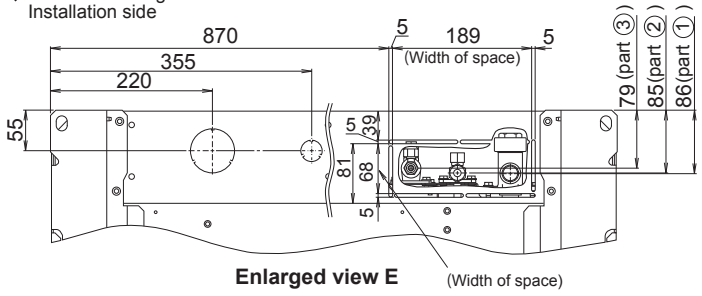


Side view



Enlarged view D

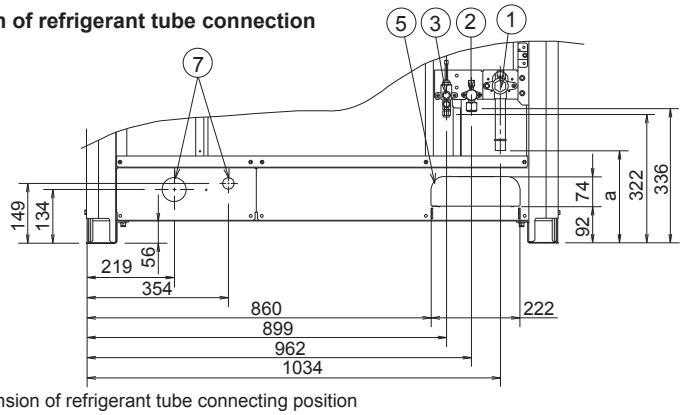
◆ Installation fixing bracket
Installation side



Enlarged view E

According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from "A", "B" or "C".
A : 964 (Installation hole pitch) * The tubing is routed out from the front.
B : 730 (Installation hole pitch) * The tubing is routed out from the bottom.
C : 730 (Installation hole pitch)

Position of refrigerant tube connection



Dimension of refrigerant tube connecting position

Types of unit	12HP	14HP	16HP
a	231	231	154

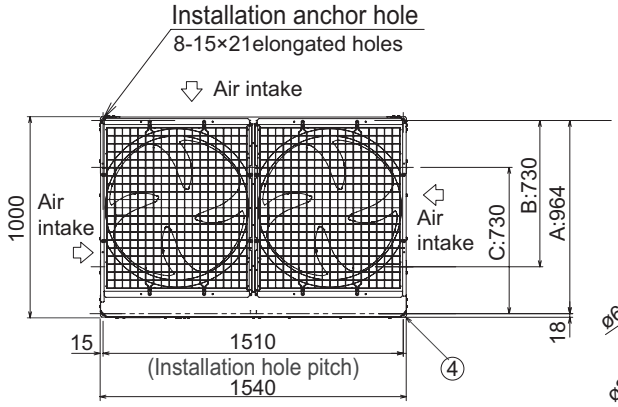
• 16hp unit dimensions shows a case using the connection tubing supplied with the unit.

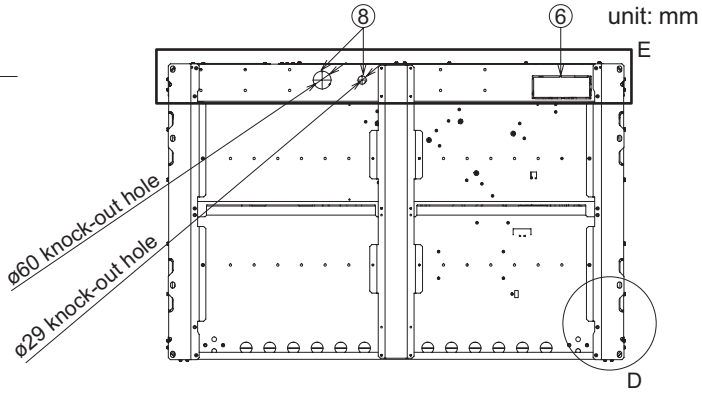
	Types of unit		12HP	14HP	16HP
①	Refrigerant tubing (gas tube)	brazed connection	ø25.4	ø25.4	ø28.58
②	Refrigerant tubing (liquid tube)	flared connection	ø12.7	ø12.7	ø12.7
③	Refrigerant tubing (balance tube)	flared connection	ø6.35	ø6.35	ø6.35
④	Installation holes(8-15x21 elongated holes), anchor bolts M12 or larger				
⑤	Refrigerant tubing port (front: knock-out hole)				
⑥	Refrigerant tubing port (bottom: slit hole)				
⑦	Electrical wiring port (front: ø60, ø29 knock-out hole - for conduit connection)				
⑧	Electrical wiring port (bottom: ø60, ø29 knock-out hole - for conduit connection)				
⑨	Pressure outlet port (for high pressure: ø7.94 Schrader-type connection)				
⑩	Pressure outlet port (for low pressure: ø7.94 Schrader-type connection)				
⑪	Terminal plate				
⑫	Terminal plate for inter-unit control wiring and/or inter-outdoor unit control wiring				

1. Outdoor Unit

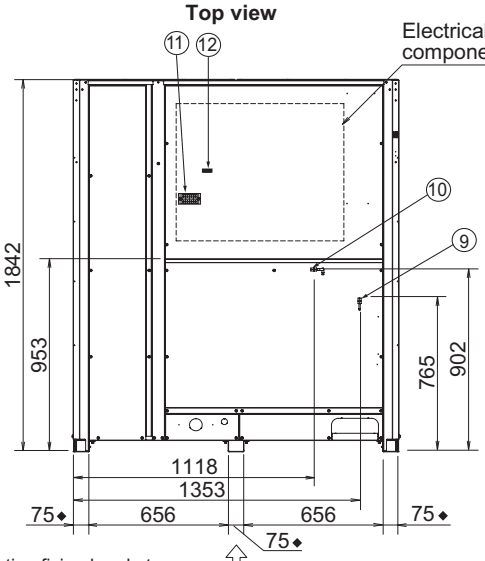
1-2. Dimensional Data (continued)

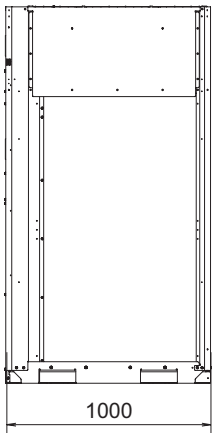
U-18ME2E8, U-20ME2E8

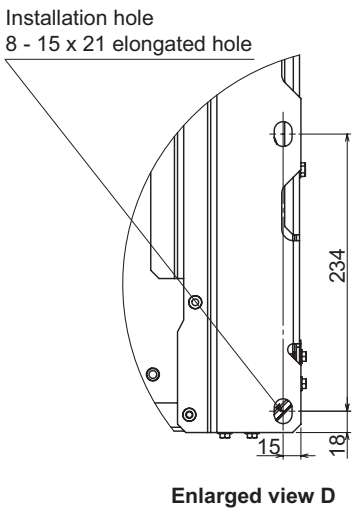


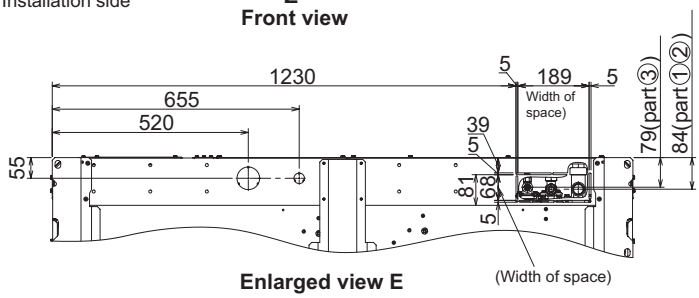


View Z









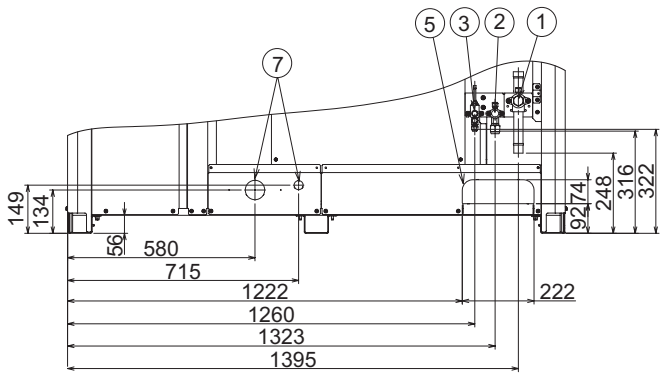
According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from "A", "B" or "C".

A : 964 (Installation hole pitch) * The tubing is routed out from the front.

B : 730 (Installation hole pitch) * The tubing is routed out from the bottom.

C : 730 (Installation hole pitch)

Position of refrigerant tube connection



	Types of unit		18HP	20HP
①	Refrigerant tubing (gas tube)	brazed connection	ø28.58	ø28.58
②	Refrigerant tubing (liquid tube)	flared connection	ø15.88	ø15.88
③	Refrigerant tubing (balance tube)	flared connection	ø6.35	ø6.35
④	Installation holes(8-15x21 elongated holes), anchor bolts M12 or larger			
⑤	Refrigerant tubing port (front: knock-out hole)			
⑥	Refrigerant tubing port (bottom: slit hole)			
⑦	Electrical wiring port (front: ø60, ø29 knock-out hole - for conduit connection)			
⑧	Electrical wiring port (bottom: ø60, ø29 knock-out hole - for conduit connection)			
⑨	Pressure outlet port (for high pressure: ø7.94 Schrader-type connection)			
⑩	Pressure outlet port (for low pressure: ø7.94 Schrader-type connection)			
⑪	Terminal plate			
⑫	Terminal plate for inter-unit control wiring and/or inter-outdoor unit control wiring			

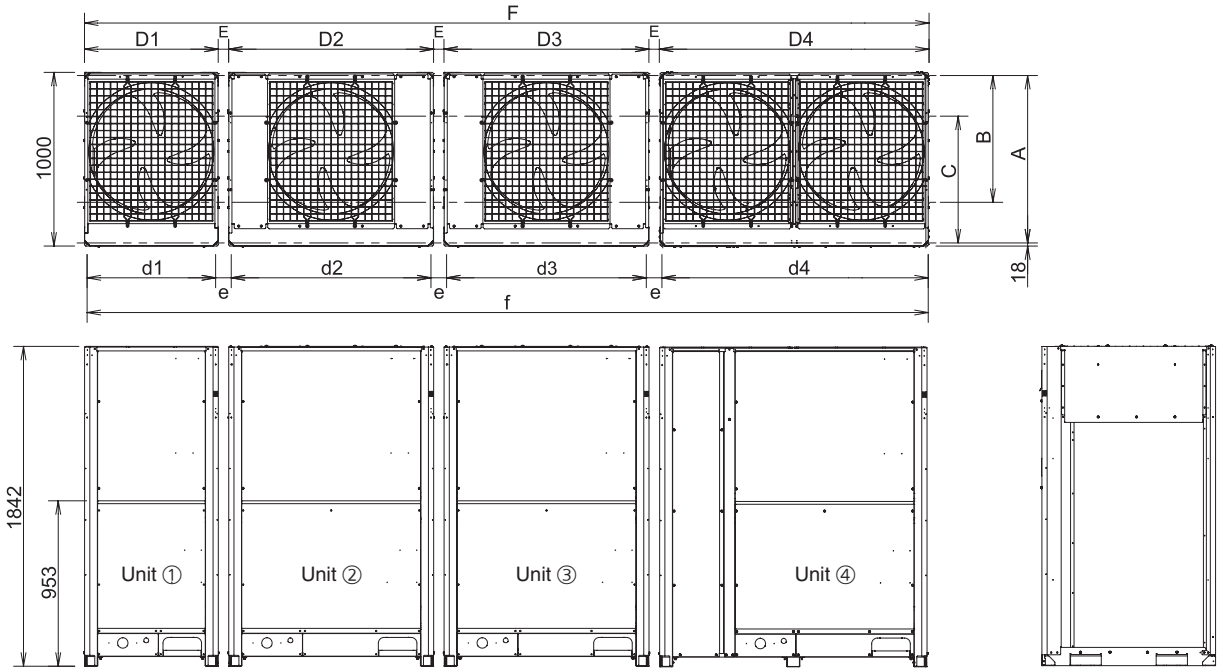
* It is also possible to route the refrigerant tubing and the wiring connection out through the bottom.

1. Outdoor Unit

1-3. Multiple Unit Installation Example

● **Diagrams for 8HP ~ 80HP**

Unit: mm



Capacity	Combination				Dimensions of single unit				Distance between units		Dimensions of combination unit		Dimensions of single unit installation hole				Distance between unit installation hole		Dimensions of combination unit installation hole	
	①	②	③	④	D1	D2	D3	D4	E(*1)	E(*2)	F(*1)	F(*2)	d1	d2	d3	d4	e(*1)	e(*2)	f(*1)	f(*2)
8HP	8	—	—	—	770	—	—	—	—	—	770	770	740	—	—	—	—	—	740	740
10HP	10	—	—	—	770	—	—	—	—	—	770	770	740	—	—	—	—	—	740	740
12HP	12	—	—	—	1180	—	—	—	—	—	1180	1180	1150	—	—	—	—	—	1150	1150
14HP	14	—	—	—	1180	—	—	—	—	—	1180	1180	1150	—	—	—	—	—	1150	1150
16HP	16	—	—	—	1180	—	—	—	—	—	1180	1180	1150	—	—	—	—	—	1150	1150
18HP	18	—	—	—	1540	—	—	—	—	—	1540	1540	1510	—	—	—	—	—	1510	1510
20HP	20	—	—	—	1540	—	—	—	—	—	1540	1540	1510	—	—	—	—	—	1510	1510
22HP	10	12	—	—	770	1180	—	—	60	180	2010	2130	740	1150	—	—	90	210	1980	2100
24HP	12	12	—	—	1180	1180	—	—	60	180	2420	2540	1150	1150	—	—	90	210	2390	2510
26HP	10	16	—	—	770	1180	—	—	60	180	2010	2130	740	1150	—	—	90	210	1980	2100
28HP	12	16	—	—	1180	1180	—	—	60	180	2420	2540	1150	1150	—	—	90	210	2390	2510
30HP	14	16	—	—	1180	1180	—	—	60	180	2420	2540	1150	1150	—	—	90	210	2390	2510
32HP	16	16	—	—	1180	1180	—	—	60	180	2420	2540	1150	1150	—	—	90	210	2390	2510
34HP	14	20	—	—	1180	1540	—	—	60	180	2780	2900	1150	1510	—	—	90	210	2750	2870
36HP	16	20	—	—	1180	1540	—	—	60	180	2780	2900	1150	1510	—	—	90	210	2750	2870
38HP	18	20	—	—	1540	1540	—	—	60	180	3140	3260	1510	1510	—	—	90	210	3110	3230
40HP	20	20	—	—	1540	1540	—	—	60	180	3140	3260	1510	1510	—	—	90	210	3110	3230
42HP	10	16	16	—	770	1180	1180	—	60	180	3250	3490	740	1150	1150	—	90	210	3220	3460
44HP	12	16	16	—	1180	1180	1180	—	60	180	3660	3900	1150	1150	1150	—	90	210	3630	3870
46HP	14	16	16	—	1180	1180	1180	—	60	180	3660	3900	1150	1150	1150	—	90	210	3630	3870
48HP	16	16	16	—	1180	1180	1180	—	60	180	3660	3900	1150	1150	1150	—	90	210	3630	3870
50HP	14	16	20	—	1180	1180	1540	—	60	180	4020	4260	1150	1150	1510	—	90	210	3990	4230
52HP	16	16	20	—	1180	1180	1540	—	60	180	4020	4260	1150	1150	1510	—	90	210	3990	4230
54HP	14	20	20	—	1180	1540	1540	—	60	180	4380	4620	1150	1510	1510	—	90	210	4350	4590
56HP	16	20	20	—	1180	1540	1540	—	60	180	4380	4620	1150	1510	1510	—	90	210	4350	4590
58HP	18	20	20	—	1540	1540	1540	—	60	180	4740	4980	1510	1510	1510	—	90	210	4710	4950
60HP	20	20	20	—	1540	1540	1540	—	60	180	4740	4980	1510	1510	1510	—	90	210	4710	4950
62HP	14	16	16	16	1180	1180	1180	1180	60	180	4900	5260	1150	1150	1150	1150	90	210	4870	5230
64HP	16	16	16	16	1180	1180	1180	1180	60	180	4900	5260	1150	1150	1150	1150	90	210	4870	5230
66HP	10	16	20	20	770	1180	1540	1540	60	180	5210	5570	740	1150	1510	1510	90	210	5180	5540
68HP	12	16	20	20	1180	1180	1540	1540	60	180	5620	5980	1150	1150	1510	1510	90	210	5590	5950
70HP	10	20	20	20	770	1540	1540	1540	60	180	5570	5930	740	1510	1510	1510	90	210	5540	5900
72HP	16	16	20	20	1180	1180	1540	1540	60	180	5620	5980	1150	1150	1510	1510	90	210	5590	5950
74HP	16	18	20	20	1180	1540	1540	1540	60	180	5980	6340	1150	1510	1510	1510	90	210	5950	6310
76HP	16	20	20	20	1180	1540	1540	1540	60	180	5980	6340	1150	1510	1510	1510	90	210	5950	6310
78HP	18	20	20	20	1540	1540	1540	1540	60	180	6340	6700	1510	1510	1510	1510	90	210	6310	6670
80HP	20	20	20	20	1540	1540	1540	1540	60	180	6340	6700	1510	1510	1510	1510	90	210	6310	6670

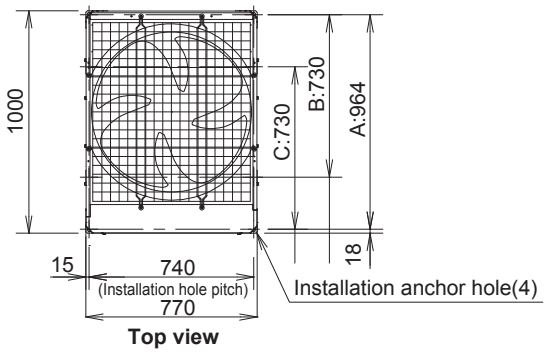
According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from A, B or C.
A: 964: (Installation hole pitch) : For removing tube forward. Use the data with the asterisk (*1) in combination of each unit dimension.
B: 730: (Installation hole pitch) : For removing tube downward. Use the data with the asterisk (*2) in combination of each unit dimension.
C: 730: (Installation hole pitch) : Use the data with the asterisk (*2) in combination of each unit dimension.

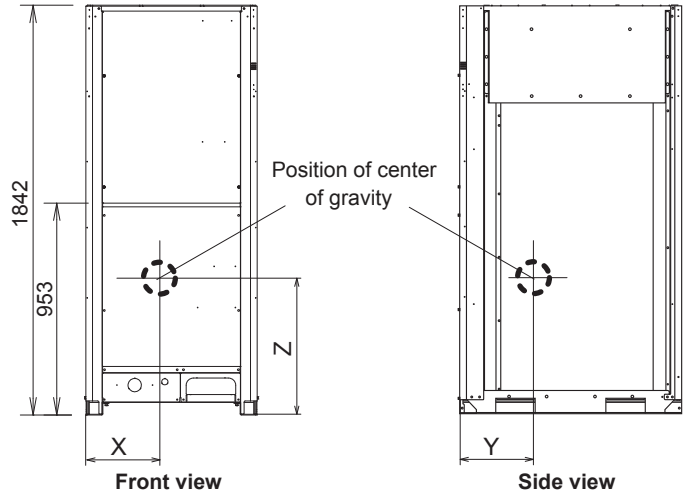
1. Outdoor Unit

1-4. Position of Center of Gravity

U-8ME2E8, U-10ME2E8

Unit: mm





Position of center of gravity

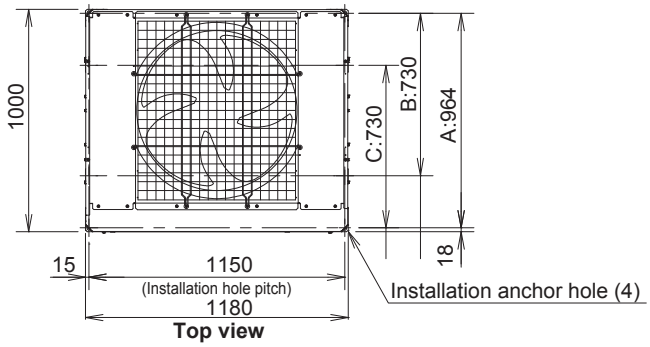
Model	Position of center of gravity			Weight
	X	Y	Z	(kg)
U-8ME2E8	375	455	890	210
U-10ME2E8	375	455	890	210

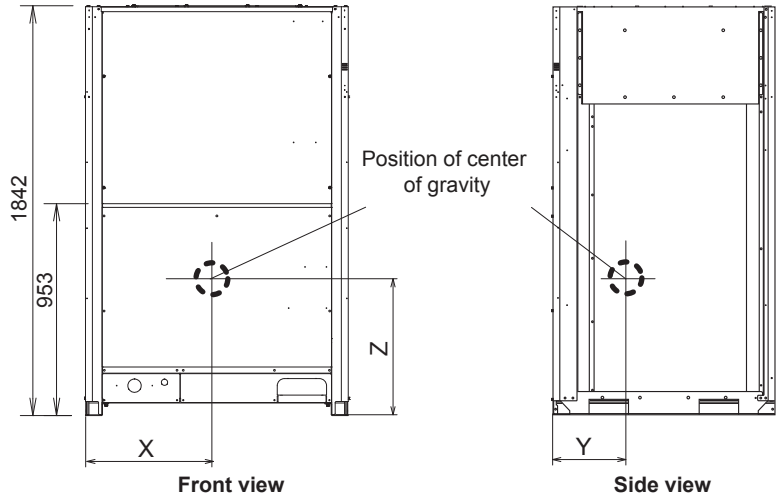
・According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from "A", "B" or "C".

A : 964 (Installation hole pitch) * The tubing is routed out from the front.
B : 730 (Installation hole pitch) * The tubing is routed out from the bottom.
C : 730 (Installation hole pitch)

U-12ME2E8, U-14ME2E8, U-16ME2E8

Unit: mm





Position of center of gravity

Model	Position of center of gravity			Weight
	X	Y	Z	(kg)
U-12ME2E8	630	480	870	270
U-14ME2E8	615	440	785	315
U-16ME2E8	615	440	785	315

・According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from "A", "B" or "C".

A : 964 (Installation hole pitch) * The tubing is routed out from the front.
B : 730 (Installation hole pitch) * The tubing is routed out from the bottom.
C : 730 (Installation hole pitch)

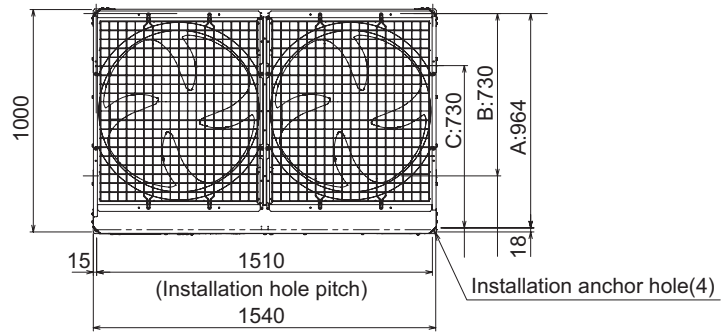
4

1. Outdoor Unit

1-4. Position of Center of Gravity (continued)

U-18ME2E8, U-20ME2E8

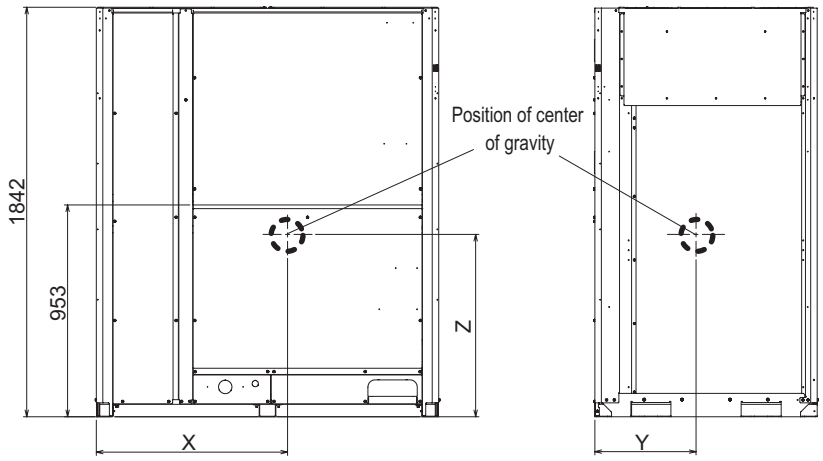
Unit: mm



Top view

Position of center of gravity

Model	Position of center of gravity			Weight
	X	Y	Z	(kg)
U-18ME2E8	860	455	820	375
U-20ME2E8	860	455	820	375



Front view **Side view**

・According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from "A", "B" or "C".

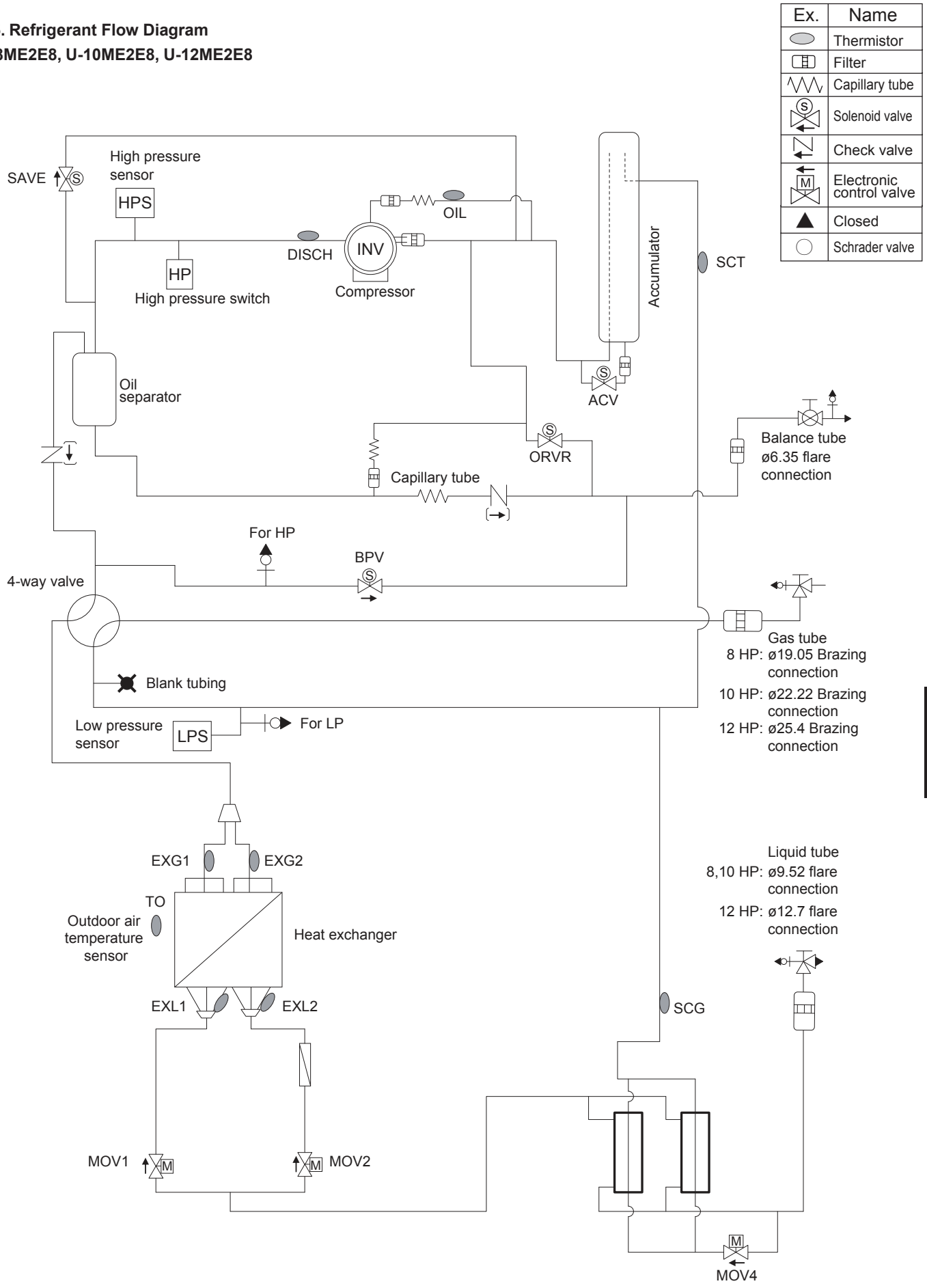
A : 964 (Installation hole pitch) * The tubing is routed out from the front.
B : 730 (Installation hole pitch) * The tubing is routed out from the bottom.
C : 730 (Installation hole pitch)

4

1. Outdoor Unit

1-5. Refrigerant Flow Diagram

U-8ME2E8, U-10ME2E8, U-12ME2E8

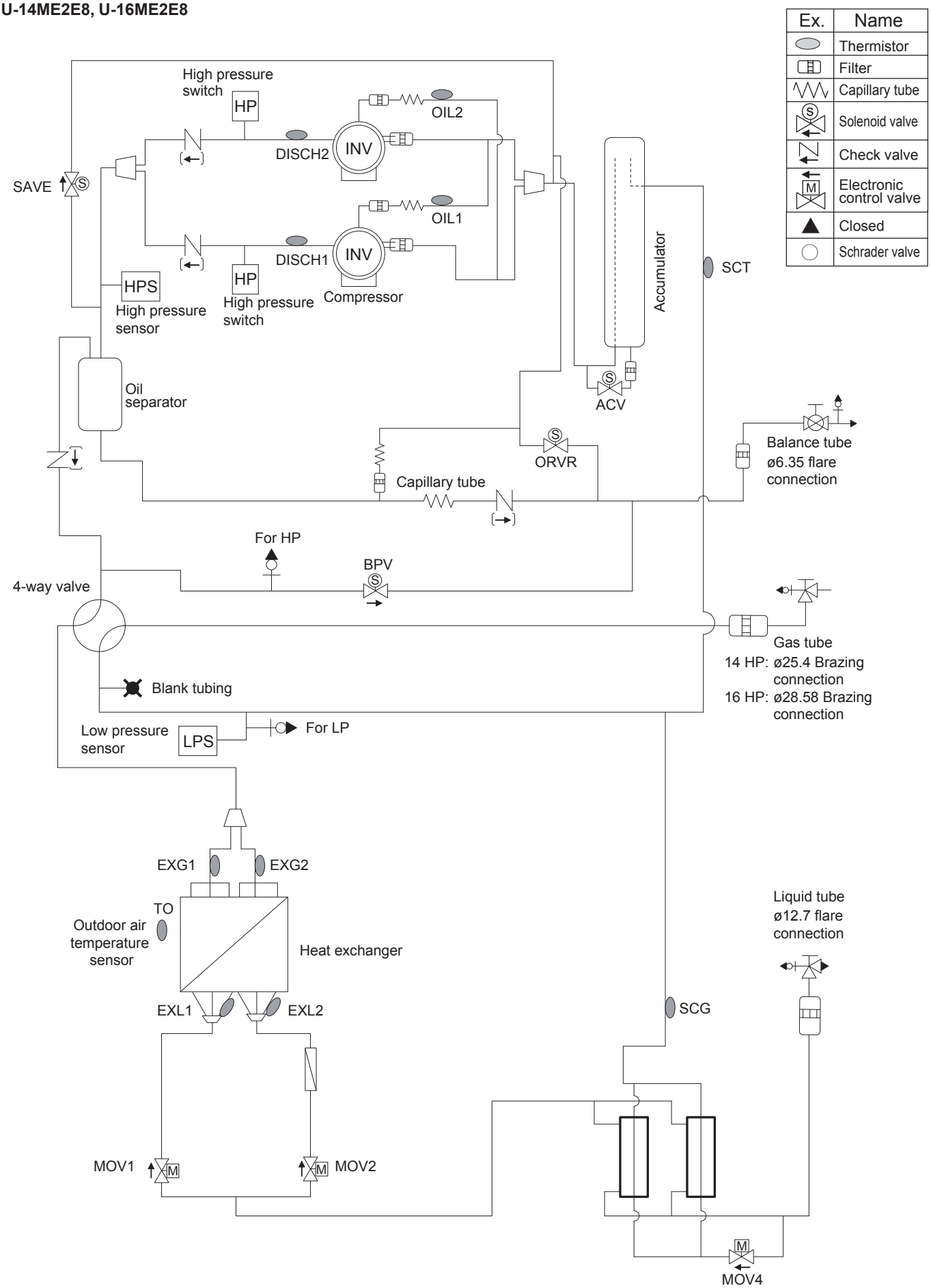


4

1. Outdoor Unit

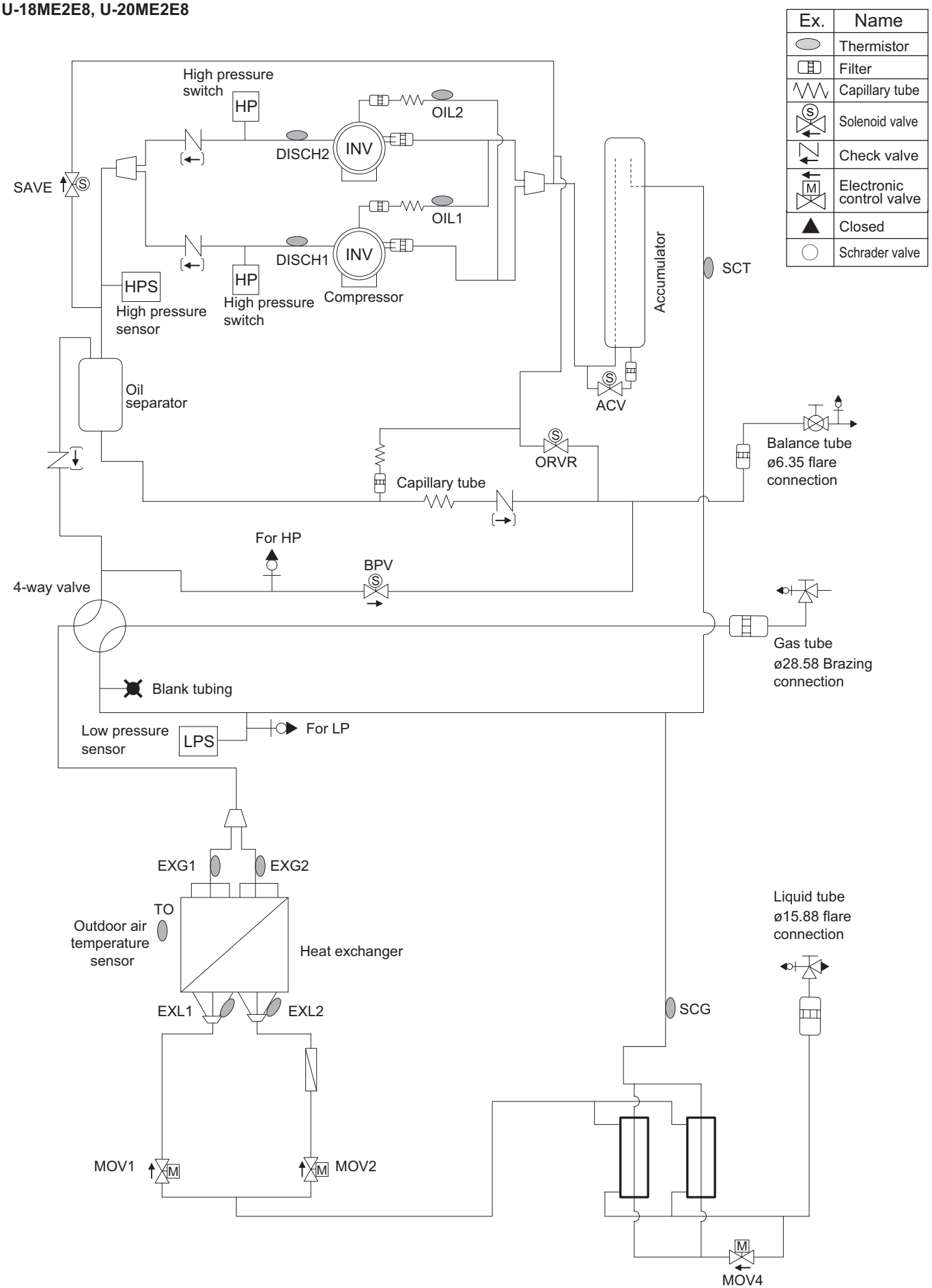
1-5. Refrigerant Flow Diagram (continued)

U-14ME2E8, U-16ME2E8



1. Outdoor Unit

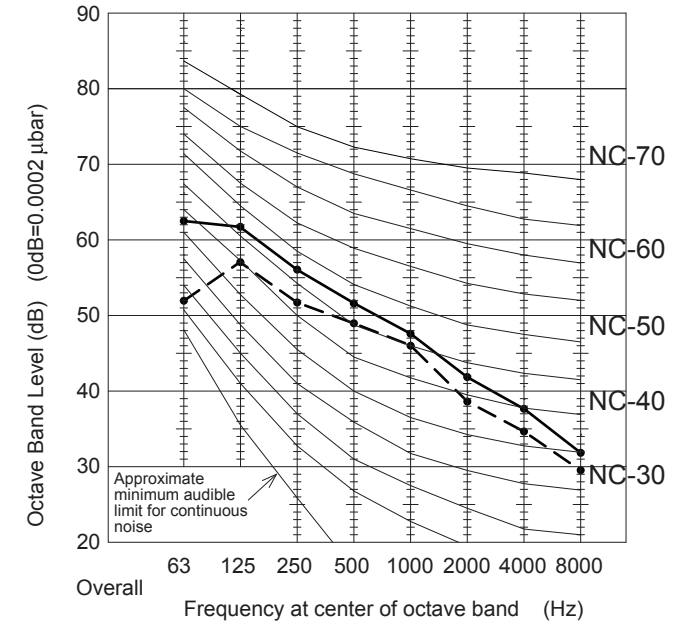
1-5. Refrigerant Flow Diagram (continued)
U-18ME2E8, U-20ME2E8



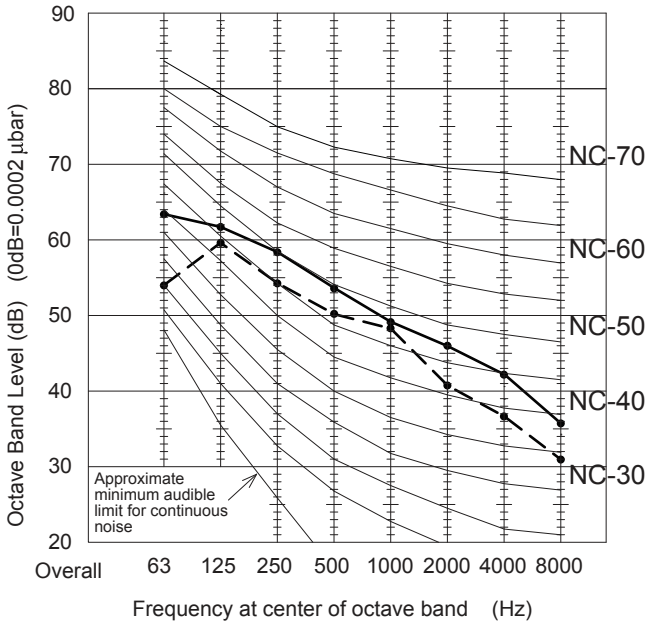
1. Outdoor Unit

1-6. Noise Criterion Curves

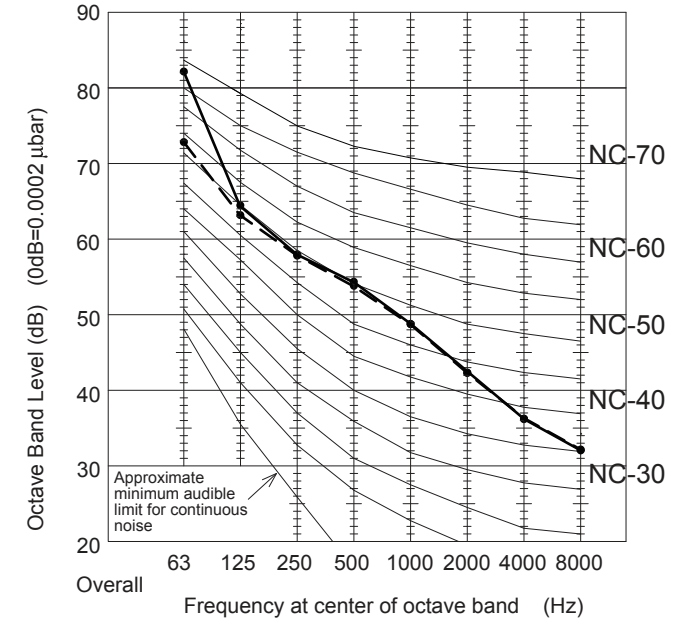
MODEL	U-8ME2E8
SOUND LEVEL dB(A) (Cooling/Heating)	54.0 (Quiet mode 51.0)
CONDITION	1 m in front at height of 1.5 m



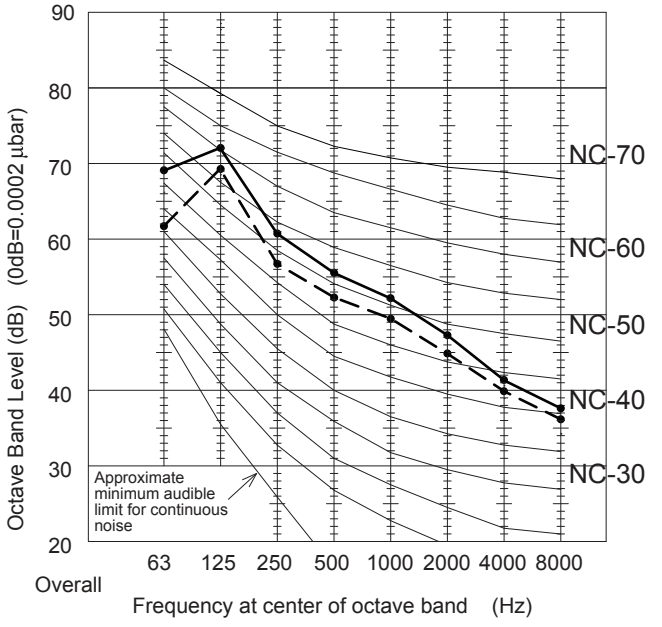
MODEL	U-10ME2E8
SOUND LEVEL dB(A) (Cooling/Heating)	56.0 (Quiet mode 53.0)
CONDITION	1 m in front at height of 1.5 m



MODEL	U-12ME2E8
SOUND LEVEL dB(A) (Cooling/Heating)	59.0 (Quiet mode 56.0)
CONDITION	1 m in front at height of 1.5 m



MODEL	U-14ME2E8
SOUND LEVEL dB(A) (Cooling/Heating)	60.0 (Quiet mode 57.0)
CONDITION	1 m in front at height of 1.5 m

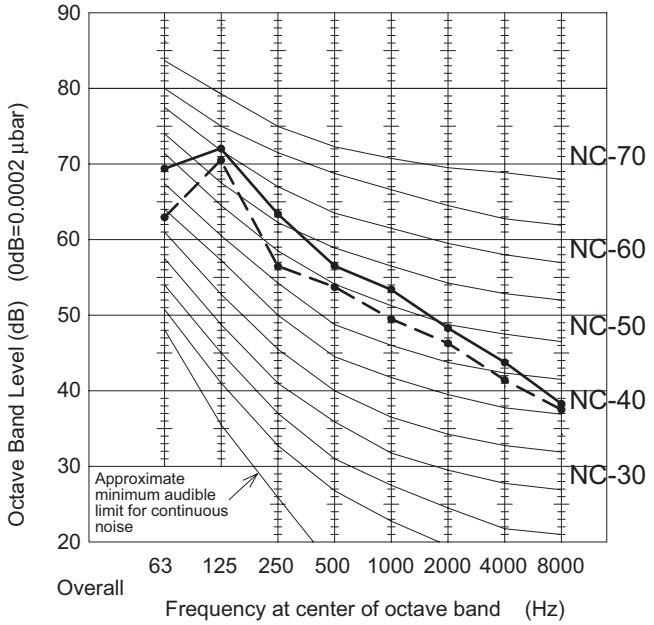


4

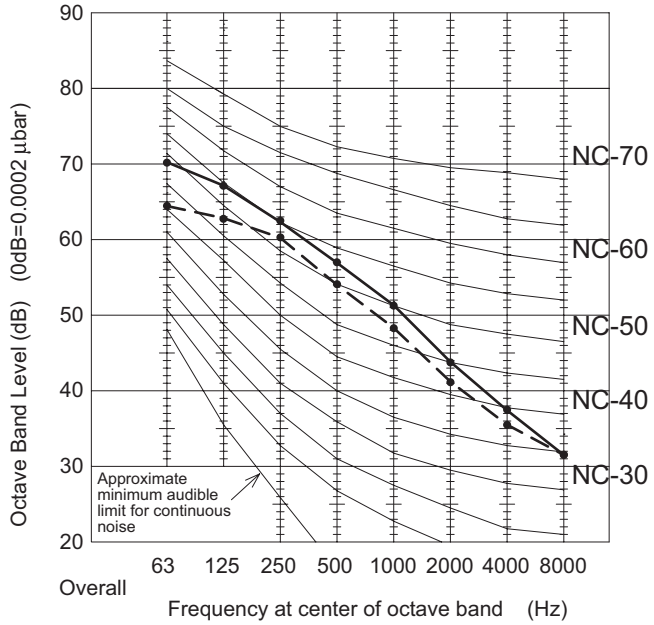
1. Outdoor Unit

1-6. Noise Criterion Curves (continued)

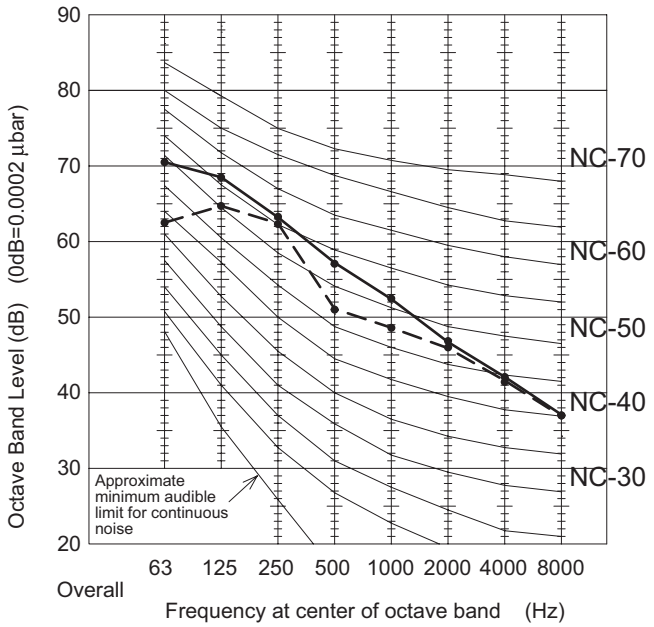
MODEL	U-16ME2E8
SOUND LEVEL dB(A) (Cooling/Heating)	61.0 (Quiet mode 58.0)
CONDITION	1 m in front at height of 1.5 m



MODEL	U-18ME2E8
SOUND LEVEL dB(A) (Cooling/Heating)	59.0 (Quiet mode 56.0)
CONDITION	1 m in front at height of 1.5 m



MODEL	U-20ME2E8
SOUND LEVEL dB(A) (Cooling/Heating)	60.0 (Quiet mode 57.0)
CONDITION	1 m in front at height of 1.5 m



4

1. Capacity of Outdoor Unit

1-1. U-8ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-10.0	19.4	2.12	23.3	2.54	24.1	2.63	24.1	2.63	27.3	2.99	30.5	3.34	33.7	3.69
	-5.0	19.4	2.12	23.3	2.55	24.1	2.64	24.1	2.64	27.3	2.99	30.5	3.34	33.7	3.69
	0.0	19.4	2.13	23.3	2.55	24.1	2.64	24.1	2.64	27.3	2.99	30.5	3.35	33.7	3.70
	5.0	19.4	2.13	23.3	2.56	24.1	2.65	24.1	2.65	27.3	3.00	30.5	3.35	33.7	3.70
	10.0	19.4	2.14	23.3	2.56	24.1	2.66	24.1	2.66	27.3	3.02	30.5	3.38	33.7	3.73
	15.0	19.4	2.14	23.3	2.58	24.1	2.70	24.1	2.70	27.3	3.08	30.5	3.46	33.7	3.82
	20.0	19.4	2.20	23.3	2.67	24.1	2.86	24.1	2.86	27.3	3.28	30.5	3.84	33.7	4.45
	25.0	19.4	2.53	23.3	3.14	24.1	3.52	24.1	3.52	27.3	4.16	30.5	4.86	33.7	5.61
	30.0	19.4	3.17	23.3	3.93	24.1	4.35	24.1	4.35	27.3	5.13	30.5	5.95	33.4	6.68
	35.0	19.4	3.85	23.3	4.77	24.1	5.25	24.1	5.25	27.3	6.16	29.6	6.68	30.8	6.68
	40.0	19.4	4.59	23.3	5.67	24.1	6.22	24.1	6.22	26.1	6.68	27.2	6.68	28.4	6.68
	43.0	19.4	5.06	23.3	6.25	23.7	6.68	23.7	6.68	24.8	6.68	25.8	6.53	26.5	6.24
	46.0	19.2	5.09	19.3	5.09	19.3	5.09	19.3	5.09	20.0	4.90	20.8	4.75	21.7	4.65
	52.0	8.1	2.01	8.6	2.01	8.6	2.01	8.6	2.01	9.5	2.08	10.6	2.16	11.7	2.24

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-10.0	17.9	1.96	21.5	2.35	23.5	2.57	23.5	2.57	26.7	2.92	29.8	3.26	32.9	3.60
	-5.0	17.9	1.96	21.5	2.35	23.5	2.58	23.5	2.58	26.7	2.92	29.8	3.26	32.9	3.60
	0.0	17.9	1.96	21.5	2.36	23.5	2.58	23.5	2.58	26.7	2.92	29.8	3.27	32.9	3.61
	5.0	17.9	1.97	21.5	2.36	23.5	2.59	23.5	2.59	26.7	2.93	29.8	3.27	32.9	3.62
	10.0	17.9	1.97	21.5	2.37	23.5	2.59	23.5	2.59	26.7	2.95	29.8	3.30	32.9	3.65
	15.0	17.9	1.98	21.5	2.38	23.5	2.63	23.5	2.63	26.7	3.01	29.8	3.38	32.9	3.73
	20.0	17.9	2.03	21.5	2.47	23.5	2.78	23.5	2.78	26.7	3.20	29.8	3.70	32.9	4.29
	25.0	17.9	2.34	21.5	2.90	23.5	3.41	23.5	3.41	26.7	4.02	29.8	4.69	32.9	5.40
	30.0	17.9	2.93	21.5	3.62	23.5	4.22	23.5	4.22	26.7	4.96	29.8	5.75	32.9	6.60
	35.0	17.9	3.56	21.5	4.39	23.5	5.09	23.5	5.09	26.7	5.97	29.3	6.68	30.6	6.68
	40.0	17.9	4.24	21.5	5.23	23.5	6.03	23.5	6.03	25.9	6.68	27.0	6.68	28.2	6.68
	43.0	17.9	4.67	21.5	5.76	23.5	6.63	23.5	6.63	24.6	6.68	25.7	6.57	26.3	6.26
	46.0	17.7	5.08	19.2	5.10	19.2	5.10	19.2	5.10	19.8	4.90	20.6	4.74	21.5	4.62
	52.0	7.5	1.98	8.3	1.98	8.4	1.98	8.4	1.98	9.3	2.04	10.3	2.11	11.4	2.18

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-10.0	16.4	1.80	19.7	2.16	23.0	2.51	23.0	2.51	26.0	2.85	29.1	3.18	32.1	3.52
	-5.0	16.4	1.80	19.7	2.16	23.0	2.52	23.0	2.52	26.0	2.85	29.1	3.19	32.1	3.52
	0.0	16.4	1.80	19.7	2.16	23.0	2.52	23.0	2.52	26.0	2.86	29.1	3.19	32.1	3.52
	5.0	16.4	1.81	19.7	2.17	23.0	2.53	23.0	2.53	26.0	2.86	29.1	3.20	32.1	3.53
	10.0	16.4	1.81	19.7	2.17	23.0	2.53	23.0	2.53	26.0	2.87	29.1	3.22	32.1	3.56
	15.0	16.4	1.82	19.7	2.18	23.0	2.57	23.0	2.57	26.0	2.93	29.1	3.30	32.1	3.64
	20.0	16.4	1.86	19.7	2.27	23.0	2.71	23.0	2.71	26.0	3.11	29.1	3.56	32.1	4.12
	25.0	16.4	2.16	19.7	2.66	23.0	3.30	23.0	3.30	26.0	3.89	29.1	4.52	32.1	5.21
	30.0	16.4	2.69	19.7	3.32	23.0	4.08	23.0	4.08	26.0	4.79	29.1	5.55	32.1	6.37
	35.0	16.4	3.27	19.7	4.02	23.0	4.93	23.0	4.93	26.0	5.77	29.1	6.67	30.3	6.68
	40.0	16.4	3.89	19.7	4.79	23.0	5.84	23.0	5.84	25.7	6.68	26.8	6.68	28.0	6.68
	43.0	16.4	4.29	19.7	5.27	23.0	6.43	23.0	6.43	24.5	6.68	25.5	6.62	26.1	6.29
	46.0	16.3	4.66	19.1	5.13	19.1	5.13	19.1	5.13	19.7	4.91	20.4	4.74	21.2	4.60
	52.0	7.0	1.95	7.6	1.95	8.2	1.95	8.2	1.95	9.1	2.01	10.0	2.07	11.1	2.13

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-10.0	14.9	1.63	17.9	1.96	20.9	2.29	22.4	2.45	25.4	2.78	28.4	3.10	31.4	3.43
	-5.0	14.9	1.64	17.9	1.96	20.9	2.29	22.4	2.45	25.4	2.78	28.4	3.11	31.4	3.43
	0.0	14.9	1.64	17.9	1.97	20.9	2.29	22.4	2.46	25.4	2.79	28.4	3.11	31.4	3.44
	5.0	14.9	1.64	17.9	1.97	20.9	2.30	22.4	2.46	25.4	2.79	28.4	3.12	31.4	3.45
	10.0	14.9	1.65	17.9	1.98	20.9	2.31	22.4	2.47	25.4	2.80	28.4	3.14	31.4	3.47
	15.0	14.9	1.66	17.9	1.99	20.9	2.33	22.4	2.50	25.4	2.85	28.4	3.21	31.4	3.55
	20.0	14.9	1.70	17.9	2.06	20.9	2.44	22.4	2.63	25.4	3.02	28.4	3.42	31.4	3.96
	25.0	14.9	1.98	17.9	2.43	20.9	2.92	22.4	3.19	25.4	3.75	28.4	4.36	31.4	5.01
	30.0	14.9	2.46	17.9	3.02	20.9	3.63	22.4	3.95	25.4	4.63	28.4	5.36	31.4	6.14
	35.0	14.9	2.98	17.9	3.66	20.9	4.39	22.4	4.77	25.4	5.58	28.4	6.44	30.0	6.68
	40.0	14.9	3.55	17.9	4.35	20.9	5.21	22.4	5.66	25.4	6.61	26.6	6.68	27.7	6.68
	43.0	14.9	3.91	17.9	4.79	20.9	5.73	22.4	6.23	24.3	6.68	25.4	6.68	25.9	6.33
	46.0	14.8	4.24	17.7	5.20	18.8	5.29	19.0	5.15	19.6	4.92	20.2	4.73	21.0	4.59
	52.0	6.4	1.85	7.0	1.87	7.7	1.90	8.1	1.92	8.9	1.97	9.8	2.02	10.8	2.08

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-8ME2E8 (Cooling) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-10.0	13.4	1.47	16.1	1.77	18.8	2.06	20.2	2.21	22.8	2.50	25.5	2.79	28.2	3.09
	-5.0	13.4	1.47	16.1	1.77	18.8	2.06	20.2	2.21	22.8	2.50	25.5	2.80	28.2	3.09
	0.0	13.4	1.48	16.1	1.77	18.8	2.07	20.2	2.21	22.8	2.51	25.5	2.80	28.2	3.10
	5.0	13.4	1.48	16.1	1.77	18.8	2.07	20.2	2.22	22.8	2.51	25.5	2.81	28.2	3.10
	10.0	13.4	1.48	16.1	1.78	18.8	2.08	20.2	2.22	22.8	2.52	25.5	2.82	28.2	3.12
	15.0	13.4	1.49	16.1	1.79	18.8	2.09	20.2	2.24	22.8	2.55	25.5	2.87	28.2	3.19
	20.0	13.4	1.51	16.1	1.84	18.8	2.17	20.2	2.34	22.8	2.68	25.5	3.03	28.2	3.38
	25.0	13.4	1.74	16.1	2.14	18.8	2.55	20.2	2.77	22.8	3.24	25.5	3.74	28.2	4.27
	30.0	13.4	2.19	16.1	2.66	18.8	3.18	20.2	3.45	22.8	4.01	25.5	4.62	28.2	5.26
	35.0	13.4	2.65	16.1	3.23	18.8	3.85	20.2	4.17	22.8	4.85	25.5	5.57	28.2	6.33
	40.0	13.4	3.15	16.1	3.84	18.8	4.57	20.2	4.95	22.8	5.75	25.5	6.59	26.7	6.68
	43.0	13.4	3.47	16.1	4.23	18.8	5.03	20.2	5.45	22.8	6.33	24.5	6.68	25.4	6.57
	46.0	13.3	3.77	16.0	4.59	18.6	5.47	18.8	5.31	19.1	5.01	19.5	4.77	20.1	4.57
	52.0	6.2	1.80	6.6	1.80	7.2	1.80	7.5	1.81	8.1	1.83	8.9	1.86	9.7	1.90

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-10.0	11.9	1.31	14.3	1.57	16.7	1.83	17.9	1.96	20.3	2.22	22.7	2.48	25.1	2.75
	-5.0	11.9	1.31	14.3	1.57	16.7	1.83	17.9	1.96	20.3	2.23	22.7	2.49	25.1	2.75
	0.0	11.9	1.31	14.3	1.57	16.7	1.84	17.9	1.97	20.3	2.23	22.7	2.49	25.1	2.75
	5.0	11.9	1.32	14.3	1.58	16.7	1.84	17.9	1.97	20.3	2.23	22.7	2.50	25.1	2.76
	10.0	11.9	1.32	14.3	1.58	16.7	1.85	17.9	1.98	20.3	2.24	22.7	2.50	25.1	2.77
	15.0	11.9	1.33	14.3	1.59	16.7	1.85	17.9	1.99	20.3	2.26	22.7	2.53	25.1	2.81
	20.0	11.9	1.34	14.3	1.62	16.7	1.91	17.9	2.05	20.3	2.35	22.7	2.65	25.1	2.96
	25.0	11.9	1.51	14.3	1.86	16.7	2.20	17.9	2.38	20.3	2.76	22.7	3.17	25.1	3.60
	30.0	11.9	1.93	14.3	2.32	16.7	2.75	17.9	2.97	20.3	3.44	22.7	3.94	25.1	4.46
	35.0	11.9	2.33	14.3	2.82	16.7	3.34	17.9	3.60	20.3	4.17	22.7	4.76	25.1	5.38
	40.0	11.9	2.77	14.3	3.35	16.7	3.97	17.9	4.29	20.3	4.95	22.7	5.65	25.1	6.38
	43.0	11.9	3.05	14.3	3.69	16.7	4.37	17.9	4.72	20.3	5.45	22.7	6.22	24.5	6.68
	46.0	11.8	3.31	14.2	4.01	16.6	4.75	17.7	5.13	18.8	5.22	19.0	4.91	19.4	4.65
	52.0	5.9	1.77	6.3	1.74	6.7	1.73	6.9	1.72	7.4	1.72	8.0	1.73	8.6	1.74

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-10.0	10.5	1.15	12.5	1.37	14.6	1.60	15.7	1.72	17.8	1.95	19.9	2.17	22.0	2.40
	-5.0	10.5	1.15	12.5	1.38	14.6	1.60	15.7	1.72	17.8	1.95	19.9	2.18	22.0	2.41
	0.0	10.5	1.15	12.5	1.38	14.6	1.61	15.7	1.72	17.8	1.95	19.9	2.18	22.0	2.41
	5.0	10.5	1.15	12.5	1.38	14.6	1.61	15.7	1.73	17.8	1.96	19.9	2.19	22.0	2.42
	10.0	10.5	1.16	12.5	1.39	14.6	1.62	15.7	1.73	17.8	1.96	19.9	2.19	22.0	2.42
	15.0	10.5	1.16	12.5	1.39	14.6	1.62	15.7	1.74	17.8	1.97	19.9	2.21	22.0	2.44
	20.0	10.5	1.17	12.5	1.41	14.6	1.65	15.7	1.77	17.8	2.03	19.9	2.28	22.0	2.54
	25.0	10.5	1.28	12.5	1.58	14.6	1.88	15.7	2.03	17.8	2.33	19.9	2.65	22.0	2.99
	30.0	10.5	1.68	12.5	2.01	14.6	2.35	15.7	2.53	17.8	2.91	19.9	3.31	22.0	3.72
	35.0	10.5	2.03	12.5	2.43	14.6	2.86	15.7	3.07	17.8	3.53	19.9	4.01	22.0	4.51
	40.0	10.5	2.41	12.5	2.89	14.6	3.40	15.7	3.66	17.8	4.20	19.9	4.77	22.0	5.36
	43.0	10.5	2.65	12.5	3.19	14.6	3.75	15.7	4.03	17.8	4.63	19.9	5.25	22.0	5.90
	46.0	10.3	2.88	12.4	3.46	14.5	4.07	15.5	4.38	17.6	5.03	18.7	5.20	18.9	4.87
	52.0	5.8	1.77	6.0	1.71	6.3	1.67	6.5	1.66	6.8	1.63	7.3	1.62	7.8	1.61

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-10.0	9.0	0.98	10.8	1.18	12.5	1.37	13.4	1.47	15.2	1.67	17.0	1.86	18.8	2.06
	-5.0	9.0	0.98	10.8	1.18	12.5	1.38	13.4	1.47	15.2	1.67	17.0	1.87	18.8	2.06
	0.0	9.0	0.99	10.8	1.18	12.5	1.38	13.4	1.48	15.2	1.67	17.0	1.87	18.8	2.07
	5.0	9.0	0.99	10.8	1.18	12.5	1.38	13.4	1.48	15.2	1.68	17.0	1.87	18.8	2.07
	10.0	9.0	0.99	10.8	1.19	12.5	1.39	13.4	1.48	15.2	1.68	17.0	1.88	18.8	2.08
	15.0	9.0	1.00	10.8	1.20	12.5	1.39	13.4	1.49	15.2	1.69	17.0	1.89	18.8	2.09
	20.0	9.0	1.01	10.8	1.21	12.5	1.41	13.4	1.51	15.2	1.72	17.0	1.93	18.8	2.15
	25.0	9.0	1.07	10.8	1.31	12.5	1.56	13.4	1.67	15.2	1.93	17.0	2.18	18.8	2.44
	30.0	9.0	1.45	10.8	1.71	12.5	1.99	13.4	2.13	15.2	2.42	17.0	2.73	18.8	3.06
	35.0	9.0	1.75	10.8	2.07	12.5	2.41	13.4	2.58	15.2	2.95	17.0	3.32	18.8	3.71
	40.0	9.0	2.07	10.8	2.46	12.5	2.87	13.4	3.08	15.2	3.51	17.0	3.95	18.8	4.42
	43.0	9.0	2.27	10.8	2.71	12.5	3.16	13.4	3.39	15.2	3.87	17.0	4.36	18.8	4.87
	46.0	8.9	2.46	10.6	2.94	12.4	3.43	13.3	3.68	15.1	4.20	16.9	4.74	18.6	5.30
	52.0	5.6	1.78	5.8	1.71	6.0	1.64	6.1	1.62	6.3	1.57	6.6	1.54	7.0	1.50

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-8ME2E8 (Cooling) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-10.0	7.5	0.82	9.0	0.98	10.5	1.15	11.2	1.23	12.7	1.39	14.2	1.55	15.7	1.72
	-5.0	7.5	0.82	9.0	0.98	10.5	1.15	11.2	1.23	12.7	1.39	14.2	1.56	15.7	1.72
	0.0	7.5	0.82	9.0	0.99	10.5	1.15	11.2	1.23	12.7	1.39	14.2	1.56	15.7	1.72
	5.0	7.5	0.82	9.0	0.99	10.5	1.15	11.2	1.23	12.7	1.40	14.2	1.56	15.7	1.73
	10.0	7.5	0.83	9.0	0.99	10.5	1.16	11.2	1.24	12.7	1.40	14.2	1.57	15.7	1.73
	15.0	7.5	0.83	9.0	1.00	10.5	1.16	11.2	1.24	12.7	1.41	14.2	1.57	15.7	1.74
	20.0	7.5	0.84	9.0	1.01	10.5	1.17	11.2	1.25	12.7	1.42	14.2	1.59	15.7	1.76
	25.0	7.5	0.87	9.0	1.06	10.5	1.25	11.2	1.34	12.7	1.55	14.2	1.75	15.7	1.96
	30.0	7.5	1.23	9.0	1.43	10.5	1.64	11.2	1.75	12.7	1.98	14.2	2.21	15.7	2.45
	35.0	7.5	1.48	9.0	1.73	10.5	1.99	11.2	2.12	12.7	2.40	14.2	2.69	15.7	2.98
	40.0	7.5	1.74	9.0	2.05	10.5	2.37	11.2	2.53	12.7	2.86	14.2	3.20	15.7	3.56
	43.0	7.5	1.91	9.0	2.25	10.5	2.60	11.2	2.78	12.7	3.15	14.2	3.53	15.7	3.92
	46.0	7.4	2.06	8.9	2.44	10.3	2.83	11.1	3.02	12.6	3.43	14.0	3.84	15.5	4.27
	52.0	5.5	1.84	5.6	1.74	5.7	1.66	5.8	1.62	6.0	1.55	6.1	1.49	6.4	1.44

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-10.0	6.0	0.66	7.2	0.79	8.4	0.92	9.0	0.98	10.2	1.11	11.3	1.24	12.5	1.38
	-5.0	6.0	0.66	7.2	0.79	8.4	0.92	9.0	0.98	10.2	1.11	11.3	1.25	12.5	1.38
	0.0	6.0	0.66	7.2	0.79	8.4	0.92	9.0	0.99	10.2	1.12	11.3	1.25	12.5	1.38
	5.0	6.0	0.66	7.2	0.79	8.4	0.92	9.0	0.99	10.2	1.12	11.3	1.25	12.5	1.38
	10.0	6.0	0.66	7.2	0.79	8.4	0.93	9.0	0.99	10.2	1.12	11.3	1.25	12.5	1.39
	15.0	6.0	0.67	7.2	0.80	8.4	0.93	9.0	1.00	10.2	1.13	11.3	1.26	12.5	1.39
	20.0	6.0	0.67	7.2	0.81	8.4	0.94	9.0	1.01	10.2	1.14	11.3	1.27	12.5	1.40
	25.0	6.0	0.69	7.2	0.83	8.4	0.97	9.0	1.04	10.2	1.19	11.3	1.35	12.5	1.50
	30.0	6.0	1.02	7.2	1.18	8.4	1.33	9.0	1.41	10.2	1.57	11.3	1.74	12.5	1.91
	35.0	6.0	1.22	7.2	1.41	8.4	1.60	9.0	1.70	10.2	1.91	11.3	2.11	12.5	2.33
	40.0	6.0	1.43	7.2	1.66	8.4	1.90	9.0	2.02	10.2	2.26	11.3	2.52	12.5	2.77
	43.0	6.0	1.56	7.2	1.82	8.4	2.08	9.0	2.22	10.2	2.49	11.3	2.77	12.5	3.06
	46.0	5.9	1.68	7.1	1.97	8.3	2.26	8.9	2.41	10.1	2.71	11.2	3.01	12.4	3.32
	52.0	4.8	1.68	5.5	1.84	5.6	1.73	5.6	1.68	5.7	1.59	5.8	1.51	5.9	1.44

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-10.0	4.5	0.49	5.4	0.59	6.3	0.69	6.7	0.74	7.6	0.84	8.5	0.93	9.4	1.03
	-5.0	4.5	0.49	5.4	0.59	6.3	0.69	6.7	0.74	7.6	0.84	8.5	0.94	9.4	1.03
	0.0	4.5	0.49	5.4	0.59	6.3	0.69	6.7	0.74	7.6	0.84	8.5	0.94	9.4	1.04
	5.0	4.5	0.50	5.4	0.59	6.3	0.69	6.7	0.74	7.6	0.84	8.5	0.94	9.4	1.04
	10.0	4.5	0.50	5.4	0.60	6.3	0.70	6.7	0.74	7.6	0.84	8.5	0.94	9.4	1.04
	15.0	4.5	0.50	5.4	0.60	6.3	0.70	6.7	0.75	7.6	0.85	8.5	0.95	9.4	1.05
	20.0	4.5	0.51	5.4	0.61	6.3	0.71	6.7	0.75	7.6	0.86	8.5	0.95	9.4	1.05
	25.0	4.5	0.52	5.4	0.62	6.3	0.72	6.7	0.77	7.6	0.87	8.5	0.98	9.4	1.08
	30.0	4.5	0.83	5.4	0.94	6.3	1.04	6.7	1.10	7.6	1.21	8.5	1.32	9.4	1.43
	35.0	4.5	0.98	5.4	1.11	6.3	1.25	6.7	1.31	7.6	1.45	8.5	1.59	9.4	1.73
	40.0	4.5	1.13	5.4	1.30	6.3	1.46	6.7	1.55	7.6	1.72	8.5	1.89	9.4	2.06
	43.0	4.5	1.23	5.4	1.41	6.3	1.60	6.7	1.69	7.6	1.88	8.5	2.07	9.4	2.27
	46.0	4.4	1.32	5.3	1.52	6.2	1.73	6.7	1.83	7.5	2.04	8.4	2.25	9.3	2.46
	52.0	3.6	1.32	4.4	1.52	5.1	1.73	5.4	1.83	5.5	1.74	5.6	1.63	5.6	1.53

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

1-2. U-8ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-24.9	-25.0	12.5	5.11	12.2	5.04	11.5	4.89	11.2	4.81	10.2	4.54	9.4	4.33	7.6	3.71
	-19.8	-20.0	14.6	5.28	14.2	5.20	13.5	5.03	13.1	4.94	11.9	4.64	11.1	4.41	8.9	3.76
	-14.7	-15.0	16.9	5.51	16.5	5.42	15.6	5.23	15.2	5.13	13.8	4.80	12.9	4.55	10.4	3.86
	-9.6	-10.0	19.5	5.86	19.1	5.76	18.1	5.54	17.6	5.43	16.1	5.07	15.0	4.80	12.2	4.04
	-4.4	-5.0	22.7	6.30	22.1	6.20	21.0	5.98	20.5	5.86	18.7	5.45	17.5	5.14	14.2	4.27
	-1.8	-2.5	24.4	6.44	23.9	6.34	22.7	6.10	22.1	5.98	20.1	5.57	18.8	5.26	15.3	4.39
	0.8	0.0	26.3	6.55	25.6	6.44	24.4	6.19	23.7	6.06	21.7	5.63	20.2	5.32	16.4	4.43
	2.8	2.0	27.8	6.62	27.2	6.50	25.8	6.25	25.1	6.12	23.0	5.68	21.5	5.36	16.9	4.27
	6.0	5.0	30.4	6.72	29.7	6.61	27.9	6.21	26.9	5.98	23.9	5.30	21.9	4.85	16.9	3.78
	7.0	6.0	30.9	6.59	29.9	6.36	27.9	5.92	26.9	5.70	23.9	5.06	21.9	4.64	16.9	3.63
	8.6	7.5	30.9	6.09	29.9	5.89	27.9	5.48	26.9	5.28	23.9	4.70	21.9	4.32	16.9	3.40
	11.2	10.0	30.9	5.30	29.9	5.13	27.9	4.79	26.9	4.63	23.9	4.14	21.9	3.82	16.9	3.03
	16.4	15.0	30.9	3.89	29.9	3.78	27.9	3.57	26.9	3.46	23.9	3.14	21.9	2.93	16.9	2.39
	24.0	18.0	30.9	3.85	29.9	3.74	27.9	3.52	26.9	3.40	23.9	3.07	21.9	2.84	16.9	2.29

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-24.9	-25.0	12.5	5.05	12.2	4.99	11.5	4.84	11.2	4.76	10.1	4.49	9.4	4.29	7.5	3.67
	-19.8	-20.0	14.6	5.22	14.2	5.14	13.4	4.98	13.0	4.89	11.8	4.59	11.0	4.37	8.8	3.72
	-14.7	-15.0	16.8	5.46	16.4	5.37	15.6	5.18	15.1	5.08	13.8	4.75	12.8	4.51	10.3	3.82
	-9.6	-10.0	19.5	5.81	19.0	5.71	18.1	5.50	17.6	5.39	16.0	5.02	15.0	4.76	12.1	4.00
	-4.4	-5.0	22.7	6.23	22.1	6.13	21.0	5.92	20.4	5.80	18.7	5.40	17.4	5.10	14.1	4.25
	-1.8	-2.5	24.4	6.36	23.8	6.26	22.6	6.03	22.0	5.91	20.1	5.51	18.8	5.21	15.2	4.35
	0.8	0.0	26.2	6.47	25.6	6.36	24.3	6.12	23.7	5.99	21.6	5.57	20.2	5.26	16.4	4.39
	2.8	2.0	27.8	6.53	27.1	6.42	25.8	6.17	25.1	6.04	22.9	5.61	21.4	5.29	16.5	4.12
	6.0	5.0	30.1	6.55	29.2	6.33	27.2	5.90	26.3	5.68	23.3	5.05	21.4	4.64	16.5	3.64
	7.0	6.0	30.1	6.23	29.2	6.02	27.2	5.61	26.3	5.41	23.3	4.82	21.4	4.44	16.5	3.49
	8.6	7.5	30.1	5.75	29.2	5.56	27.2	5.20	26.3	5.02	23.3	4.48	21.4	4.13	16.5	3.27
	11.2	10.0	30.1	5.00	29.2	4.84	27.2	4.54	26.3	4.39	23.3	3.95	21.4	3.65	16.5	2.92
	16.4	15.0	30.1	3.77	29.2	3.66	27.2	3.44	26.3	3.33	23.3	3.01	21.4	2.80	16.5	2.30
	24.0	18.0	30.1	3.77	29.2	3.66	27.2	3.44	26.3	3.33	23.3	3.01	21.4	2.79	16.5	2.24

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-24.9	-25.0	12.4	5.00	12.1	4.93	11.5	4.79	11.1	4.71	10.1	4.44	9.4	4.24	7.5	3.64
	-19.8	-20.0	14.5	5.17	14.1	5.09	13.4	4.92	13.0	4.84	11.8	4.54	11.0	4.32	8.8	3.68
	-14.7	-15.0	16.8	5.41	16.4	5.32	15.5	5.13	15.1	5.03	13.7	4.71	12.8	4.47	10.3	3.79
	-9.6	-10.0	19.5	5.73	19.0	5.66	18.0	5.46	17.5	5.34	16.0	4.98	14.9	4.72	12.1	3.97
	-4.4	-5.0	22.6	6.16	22.1	6.07	21.0	5.86	20.4	5.74	18.6	5.35	17.4	5.06	14.1	4.22
	-1.8	-2.5	24.4	6.29	23.8	6.18	22.6	5.96	22.0	5.84	20.1	5.44	18.7	5.15	15.1	4.30
	0.8	0.0	26.2	6.38	25.6	6.28	24.3	6.04	23.6	5.91	21.6	5.50	20.1	5.19	16.1	4.28
	2.8	2.0	27.8	6.45	27.1	6.33	25.7	6.09	25.0	5.96	22.8	5.51	20.9	5.06	16.1	3.96
	6.0	5.0	29.4	6.19	28.5	5.99	26.6	5.59	25.6	5.40	22.8	4.82	20.9	4.44	16.1	3.51
	7.0	6.0	29.4	5.88	28.5	5.69	26.6	5.32	25.6	5.14	22.8	4.60	20.9	4.24	16.1	3.36
	8.6	7.5	29.4	5.42	28.5	5.26	26.6	4.92	25.6	4.76	22.8	4.27	20.9	3.95	16.1	3.15
	11.2	10.0	29.4	4.71	28.5	4.57	26.6	4.30	25.6	4.17	22.8	3.76	20.9	3.49	16.1	2.81
	16.4	15.0	29.4	3.69	28.5	3.58	26.6	3.37	25.6	3.26	22.8	2.94	20.9	2.73	16.1	2.22
	24.0	18.0	29.4	3.69	28.5	3.58	26.6	3.37	25.6	3.26	22.8	2.94	20.9	2.73	16.1	2.20

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-24.9	-25.0	12.4	4.95	12.1	4.88	11.4	4.74	11.1	4.66	10.0	4.40	9.3	4.20	7.4	3.60
	-19.8	-20.0	14.5	5.12	14.1	5.04	13.3	4.88	12.9	4.79	11.7	4.50	10.9	4.28	8.7	3.65
	-14.7	-15.0	16.8	5.36	16.3	5.27	15.5	5.09	15.0	4.99	13.7	4.67	12.7	4.43	10.2	3.75
	-9.6	-10.0	19.5	5.72	19.0	5.59	18.0	5.41	17.5	5.30	15.9	4.94	14.9	4.68	12.0	3.94
	-4.4	-5.0	22.6	6.09	22.1	6.00	20.9	5.79	20.4	5.68	18.6	5.30	17.3	5.01	14.0	4.19
	-1.8	-2.5	24.4	6.21	23.8	6.11	22.6	5.89	21.9	5.77	20.0	5.38	18.6	5.09	15.1	4.26
	0.8	0.0	26.2	6.30	25.6	6.19	24.3	5.96	23.6	5.84	21.5	5.43	20.1	5.13	15.7	4.12
	2.8	2.0	27.7	6.36	27.1	6.25	25.7	6.02	25.0	5.89	22.2	5.26	20.4	4.84	15.7	3.81
	6.0	5.0	28.7	5.84	27.8	5.66	25.9	5.30	25.0	5.12	22.2	4.59	20.4	4.24	15.7	3.37
	7.0	6.0	28.7	5.54	27.8	5.37	25.9	5.04	25.0	4.87	22.2	4.37	20.4	4.05	15.7	3.23
	8.6	7.5	28.7	5.11	27.8	4.96	25.9	4.66	25.0	4.51	22.2	4.06	20.4	3.77	15.7	3.03
	11.2	10.0	28.7	4.42	27.8	4.30	25.9	4.06	25.0	3.94	22.2	3.58	20.4	3.33	15.7	2.71
	16.4	15.0	28.7	3.61	27.8	3.50	25.9	3.30	25.0	3.19	22.2	2.88	20.4	2.67	15.7	2.15
	24.0	18.0	28.7	3.61	27.8	3.50	25.9	3.30	25.0	3.19	22.2	2.88	20.4	2.67	15.7	2.15

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-8ME2E8 (Heating) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-24.9	-25.0	12.3	4.75	11.9	4.68	11.3	4.55	10.9	4.47	9.9	4.22	9.1	4.03	7.3	3.47
	-19.8	-20.0	14.3	4.93	13.9	4.85	13.2	4.69	12.8	4.60	11.6	4.32	10.7	4.12	8.6	3.51
	-14.7	-15.0	16.6	5.18	16.2	5.10	15.3	4.91	14.9	4.82	13.5	4.50	12.5	4.27	10.1	3.62
	-9.6	-10.0	19.4	5.57	18.9	5.48	17.9	5.26	17.4	5.14	15.8	4.79	14.7	4.53	11.8	3.81
	-4.4	-5.0	22.5	5.82	22.0	5.73	20.8	5.54	20.2	5.43	18.4	5.08	17.1	4.82	13.8	4.04
	-1.8	-2.5	24.3	5.92	23.7	5.82	22.4	5.62	21.8	5.51	19.8	5.14	18.3	4.83	14.2	3.86
	0.8	0.0	25.8	5.88	25.0	5.72	23.3	5.39	22.5	5.22	20.0	4.72	18.3	4.38	14.2	3.52
	2.8	2.0	25.8	5.36	25.0	5.21	23.3	4.92	22.5	4.78	20.0	4.33	18.3	4.04	14.2	3.29
	6.0	5.0	25.8	4.65	25.0	4.55	23.3	4.33	22.5	4.22	20.0	3.88	18.3	3.62	14.2	2.94
	7.0	6.0	25.8	4.54	25.0	4.43	23.3	4.19	22.5	4.07	20.0	3.70	18.3	3.45	14.2	2.81
	8.6	7.5	25.8	4.18	25.0	4.07	23.3	3.86	22.5	3.76	20.0	3.43	18.3	3.21	14.2	2.64
	11.2	10.0	25.8	3.60	25.0	3.52	23.3	3.36	22.5	3.28	20.0	3.02	18.3	2.84	14.2	2.36
	16.4	15.0	25.8	3.29	25.0	3.19	23.3	3.01	22.5	2.91	20.0	2.63	18.3	2.44	14.2	1.98
	24.0	18.0	25.8	3.29	25.0	3.19	23.3	3.01	22.5	2.91	20.0	2.63	18.3	2.44	14.2	1.98

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-24.9	-25.0	12.2	4.59	11.8	4.53	11.1	4.39	10.8	4.32	9.7	4.08	9.0	3.90	7.1	3.35
	-19.8	-20.0	14.2	4.77	13.8	4.70	13.1	4.54	12.7	4.46	11.4	4.19	10.6	3.99	8.4	3.40
	-14.7	-15.0	16.6	5.04	16.1	4.96	15.2	4.78	14.8	4.68	13.4	4.37	12.4	4.15	9.9	3.52
	-9.6	-10.0	19.3	5.38	18.8	5.31	17.8	5.13	17.3	5.03	15.7	4.67	14.6	4.41	11.6	3.71
	-4.4	-5.0	22.6	5.59	22.0	5.51	20.7	5.31	20.0	5.17	17.8	4.71	16.3	4.39	12.6	3.57
	-1.8	-2.5	23.0	5.18	22.2	5.06	20.7	4.81	20.0	4.68	17.8	4.28	16.3	4.01	12.6	3.29
	0.8	0.0	23.0	4.61	22.2	4.52	20.7	4.33	20.0	4.23	17.8	3.90	16.3	3.67	12.6	3.04
	2.8	2.0	23.0	4.27	22.2	4.19	20.7	4.02	20.0	3.92	17.8	3.63	16.3	3.42	12.6	2.84
	6.0	5.0	23.0	3.78	22.2	3.72	20.7	3.57	20.0	3.49	17.8	3.24	16.3	3.05	12.6	2.53
	7.0	6.0	23.0	3.67	22.2	3.59	20.7	3.43	20.0	3.35	17.8	3.09	16.3	2.91	12.6	2.43
	8.6	7.5	23.0	3.36	22.2	3.30	20.7	3.16	20.0	3.09	17.8	2.87	16.3	2.71	12.6	2.28
	11.2	10.0	23.0	2.96	22.2	2.88	20.7	2.74	20.0	2.69	17.8	2.52	16.3	2.39	12.6	2.04
	16.4	15.0	23.0	2.96	22.2	2.88	20.7	2.72	20.0	2.63	17.8	2.38	16.3	2.22	12.6	1.80
	24.0	18.0	23.0	2.96	22.2	2.88	20.7	2.72	20.0	2.63	17.8	2.38	16.3	2.22	12.6	1.80

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-24.9	-25.0	12.2	4.50	11.8	4.44	11.1	4.31	10.8	4.23	9.7	4.00	9.0	3.82	7.1	3.29
	-19.8	-20.0	14.3	4.69	13.9	4.62	13.1	4.46	12.7	4.38	11.4	4.11	10.6	3.91	8.4	3.34
	-14.7	-15.0	16.7	4.97	16.2	4.89	15.3	4.71	14.9	4.62	13.4	4.31	12.4	4.09	9.9	3.46
	-9.6	-10.0	19.5	5.27	19.0	5.20	17.9	5.04	17.4	4.95	15.6	4.56	14.3	4.26	11.0	3.45
	-4.4	-5.0	20.1	4.52	19.4	4.43	18.1	4.26	17.5	4.17	15.6	3.87	14.3	3.65	11.0	3.04
	-1.8	-2.5	20.1	4.13	19.4	4.05	18.1	3.90	17.5	3.82	15.6	3.56	14.3	3.36	11.0	2.82
	0.8	0.0	20.1	3.75	19.4	3.69	18.1	3.55	17.5	3.48	15.6	3.25	14.3	3.08	11.0	2.60
	2.8	2.0	20.1	3.45	19.4	3.40	18.1	3.29	17.5	3.23	15.6	3.02	14.3	2.87	11.0	2.43
	6.0	5.0	20.1	3.04	19.4	3.00	18.1	2.90	17.5	2.85	15.6	2.68	14.3	2.55	11.0	2.16
	7.0	6.0	20.1	2.92	19.4	2.87	18.1	2.77	17.5	2.72	15.6	2.56	14.3	2.43	11.0	2.08
	8.6	7.5	20.1	2.66	19.4	2.63	18.1	2.55	17.5	2.51	15.6	2.37	14.3	2.26	11.0	1.95
	11.2	10.0	20.1	2.64	19.4	2.57	18.1	2.42	17.5	2.35	15.6	2.13	14.3	2.00	11.0	1.75
	16.4	15.0	20.1	2.64	19.4	2.57	18.1	2.42	17.5	2.35	15.6	2.13	14.3	1.99	11.0	1.62
	24.0	18.0	20.1	2.64	19.4	2.57	18.1	2.42	17.5	2.35	15.6	2.13	14.3	1.99	11.0	1.62

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-24.9	-25.0	12.5	4.54	12.1	4.47	11.4	4.34	11.0	4.26	9.9	4.02	9.2	3.84	7.2	3.31
	-19.8	-20.0	14.7	4.74	14.3	4.67	13.4	4.51	13.0	4.42	11.7	4.15	10.8	3.94	8.6	3.36
	-14.7	-15.0	17.2	5.07	16.7	4.95	15.6	4.71	15.0	4.59	13.3	4.21	12.2	3.95	9.4	3.26
	-9.6	-10.0	17.2	4.31	16.7	4.24	15.6	4.09	15.0	4.01	13.3	3.74	12.2	3.54	9.4	2.95
	-4.4	-5.0	17.2	3.64	16.7	3.59	15.6	3.48	15.0	3.41	13.3	3.20	12.2	3.04	9.4	2.58
	-1.8	-2.5	17.2	3.32	16.7	3.27	15.6	3.17	15.0	3.12	13.3	2.93	12.2	2.79	9.4	2.38
	0.8	0.0	17.2	3.00	16.7	2.96	15.6	2.88	15.0	2.83	13.3	2.68	12.2	2.56	9.4	2.20
	2.8	2.0	17.2	2.75	16.7	2.72	15.6	2.66	15.0	2.62	13.3	2.48	12.2	2.37	9.4	2.05
	6.0	5.0	17.2	2.40	16.7	2.38	15.6	2.33	15.0	2.30	13.3	2.18	12.2	2.09	9.4	1.81
	7.0	6.0	17.2	2.32	16.7	2.26	15.6	2.20	15.0	2.18	13.3	2.08	12.2	2.00	9.4	1.75
	8.6	7.5	17.2	2.32	16.7	2.26	15.6	2.13	15.0	2.07	13.3	1.93	12.2	1.86	9.4	1.65
	11.2	10.0	17.2	2.32	16.7	2.26	15.6	2.13	15.0	2.07	13.3	1.88	12.2	1.76	9.4	1.48
	16.4	15.0	17.2	2.32	16.7	2.26	15.6	2.13	15.0	2.07	13.3	1.88	12.2	1.76	9.4	1.45
	24.0	18.0	17.2	2.32	16.7	2.26	15.6	2.13	15.0	2.07	13.3	1.88	12.2	1.76	9.4	1.45

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-8ME2E8 (Heating) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-24.9	-25.0	13.3	4.77	12.9	4.70	12.1	4.55	11.7	4.48	10.5	4.22	9.7	4.02	7.7	3.46
	-19.8	-20.0	14.4	4.52	13.9	4.43	13.0	4.25	12.5	4.15	11.1	3.85	10.2	3.63	7.9	3.04
	-14.7	-15.0	14.4	4.01	13.9	3.95	13.0	3.81	12.5	3.73	11.1	3.43	10.2	3.25	7.9	2.71
	-9.6	-10.0	14.4	3.44	13.9	3.40	13.0	3.29	12.5	3.24	11.1	3.04	10.2	2.90	7.9	2.47
	-4.4	-5.0	14.4	2.89	13.9	2.86	13.0	2.78	12.5	2.74	11.1	2.60	10.2	2.49	7.9	2.14
	-1.8	-2.5	14.4	2.62	13.9	2.59	13.0	2.54	12.5	2.50	11.1	2.38	10.2	2.28	7.9	1.98
	0.8	0.0	14.4	2.36	13.9	2.34	13.0	2.30	12.5	2.27	11.1	2.17	10.2	2.09	7.9	1.83
	2.8	2.0	14.4	2.16	13.9	2.15	13.0	2.11	12.5	2.09	11.1	2.01	10.2	1.94	7.9	1.70
	6.0	5.0	14.4	2.00	13.9	1.95	13.0	1.84	12.5	1.80	11.1	1.74	10.2	1.69	7.9	1.51
	7.0	6.0	14.4	2.00	13.9	1.95	13.0	1.84	12.5	1.79	11.1	1.66	10.2	1.62	7.9	1.46
	8.6	7.5	14.4	2.00	13.9	1.95	13.0	1.84	12.5	1.79	11.1	1.63	10.2	1.53	7.9	1.37
	11.2	10.0	14.4	2.00	13.9	1.95	13.0	1.84	12.5	1.79	11.1	1.63	10.2	1.53	7.9	1.27
	16.4	15.0	14.4	2.00	13.9	1.95	13.0	1.84	12.5	1.79	11.1	1.63	10.2	1.53	7.9	1.27
	24.0	18.0	14.4	2.00	13.9	1.95	13.0	1.84	12.5	1.79	11.1	1.63	10.2	1.53	7.9	1.27

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-24.9	-25.0	11.5	3.97	11.1	3.90	10.4	3.77	10.0	3.69	8.9	3.46	8.1	3.29	6.3	2.81
	-19.8	-20.0	11.5	3.54	11.1	3.48	10.4	3.34	10.0	3.27	8.9	3.05	8.1	2.89	6.3	2.46
	-14.7	-15.0	11.5	3.12	11.1	3.08	10.4	3.00	10.0	2.95	8.9	2.77	8.1	2.62	6.3	2.21
	-9.6	-10.0	11.5	2.67	11.1	2.64	10.4	2.58	10.0	2.54	8.9	2.41	8.1	2.31	6.3	2.00
	-4.4	-5.0	11.5	2.23	11.1	2.21	10.4	2.17	10.0	2.15	8.9	2.06	8.1	1.98	6.3	1.74
	-1.8	-2.5	11.5	2.02	11.1	2.01	10.4	1.98	10.0	1.96	8.9	1.89	8.1	1.82	6.3	1.62
	0.8	0.0	11.5	1.81	11.1	1.80	10.4	1.78	10.0	1.77	8.9	1.71	8.1	1.66	6.3	1.48
	2.8	2.0	11.5	1.68	11.1	1.63	10.4	1.62	10.0	1.61	8.9	1.57	8.1	1.53	6.3	1.38
	6.0	5.0	11.5	1.68	11.1	1.63	10.4	1.55	10.0	1.51	8.9	1.38	8.1	1.34	6.3	1.23
	7.0	6.0	11.5	1.68	11.1	1.63	10.4	1.55	10.0	1.51	8.9	1.38	8.1	1.30	6.3	1.19
	8.6	7.5	11.5	1.68	11.1	1.63	10.4	1.55	10.0	1.51	8.9	1.38	8.1	1.30	6.3	1.13
	11.2	10.0	11.5	1.68	11.1	1.63	10.4	1.55	10.0	1.51	8.9	1.38	8.1	1.30	6.3	1.09
	16.4	15.0	11.5	1.68	11.1	1.63	10.4	1.55	10.0	1.51	8.9	1.38	8.1	1.30	6.3	1.09
	24.0	18.0	11.5	1.68	11.1	1.63	10.4	1.55	10.0	1.51	8.9	1.38	8.1	1.30	6.3	1.09

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-24.9	-25.0	8.6	2.97	8.3	2.92	7.8	2.82	7.5	2.77	6.7	2.61	6.1	2.49	4.7	2.16
	-19.8	-20.0	8.6	2.68	8.3	2.64	7.8	2.52	7.5	2.48	6.7	2.32	6.1	2.21	4.7	1.90
	-14.7	-15.0	8.6	2.32	8.3	2.30	7.8	2.24	7.5	2.21	6.7	2.11	6.1	2.02	4.7	1.72
	-9.6	-10.0	8.6	1.98	8.3	1.97	7.8	1.93	7.5	1.91	6.7	1.83	6.1	1.77	4.7	1.56
	-4.4	-5.0	8.6	1.65	8.3	1.64	7.8	1.62	7.5	1.61	6.7	1.56	6.1	1.51	4.7	1.36
	-1.8	-2.5	8.6	1.47	8.3	1.47	7.8	1.46	7.5	1.46	6.7	1.42	6.1	1.39	4.7	1.26
	0.8	0.0	8.6	1.35	8.3	1.32	7.8	1.31	7.5	1.31	6.7	1.29	6.1	1.26	4.7	1.16
	2.8	2.0	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.19	6.1	1.17	4.7	1.09
	6.0	5.0	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.14	6.1	1.07	4.7	0.98
	7.0	6.0	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.14	6.1	1.07	4.7	0.95
	8.6	7.5	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.14	6.1	1.07	4.7	0.92
	11.2	10.0	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.14	6.1	1.07	4.7	0.92
	16.4	15.0	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.14	6.1	1.07	4.7	0.92
	24.0	18.0	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.14	6.1	1.07	4.7	0.92

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

1-3. U-10ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-10.0	24.3	2.88	29.1	3.45	30.1	3.58	30.1	3.58	34.1	4.05	38.1	4.53	42.1	5.00
	-5.0	24.3	2.88	29.1	3.46	30.1	3.58	30.1	3.58	34.1	4.06	38.1	4.53	42.1	5.01
	0.0	24.3	2.88	29.1	3.46	30.1	3.58	30.1	3.58	34.1	4.06	38.1	4.54	42.1	5.01
	5.0	24.3	2.89	29.1	3.47	30.1	3.59	30.1	3.59	34.1	4.07	38.1	4.55	42.1	5.02
	10.0	24.3	2.90	29.1	3.47	30.1	3.60	30.1	3.60	34.1	4.09	38.1	4.58	42.1	5.06
	15.0	24.3	2.90	29.1	3.49	30.1	3.65	30.1	3.65	34.1	4.16	38.1	4.67	42.1	5.16
	20.0	24.3	2.97	29.1	3.60	30.1	3.83	30.1	3.83	34.1	4.39	38.1	5.14	42.1	5.98
	25.0	24.3	3.36	29.1	4.20	30.1	4.71	30.1	4.71	34.1	5.58	38.1	6.53	42.1	7.55
	30.0	24.3	4.23	29.1	5.26	30.1	5.85	30.1	5.85	34.1	6.89	38.1	8.02	41.7	8.97
	35.0	24.3	5.16	29.1	6.41	30.1	7.06	30.1	7.06	34.1	8.30	36.9	8.97	38.5	8.97
	40.0	24.3	6.17	29.1	7.64	30.1	8.38	30.1	8.38	32.6	8.97	34.0	8.97	35.5	8.97
	43.0	24.3	6.81	29.1	8.42	29.6	8.97	29.6	8.97	31.0	8.97	32.3	8.80	33.1	8.41
	46.0	24.0	6.84	24.2	6.84	24.2	6.84	24.2	6.84	25.0	6.58	26.0	6.39	27.2	6.24
	52.0	10.1	2.66	10.7	2.66	10.7	2.66	10.7	2.66	11.9	2.76	13.2	2.86	14.6	2.97

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-10.0	22.4	2.66	26.9	3.19	29.4	3.49	29.4	3.49	33.3	3.96	37.2	4.42	41.2	4.89
	-5.0	22.4	2.66	26.9	3.19	29.4	3.50	29.4	3.50	33.3	3.96	37.2	4.43	41.2	4.89
	0.0	22.4	2.66	26.9	3.20	29.4	3.50	29.4	3.50	33.3	3.97	37.2	4.43	41.2	4.90
	5.0	22.4	2.67	26.9	3.20	29.4	3.51	29.4	3.51	33.3	3.97	37.2	4.44	41.2	4.91
	10.0	22.4	2.68	26.9	3.21	29.4	3.52	29.4	3.52	33.3	3.99	37.2	4.47	41.2	4.94
	15.0	22.4	2.68	26.9	3.23	29.4	3.56	29.4	3.56	33.3	4.06	37.2	4.56	41.2	5.04
	20.0	22.4	2.74	26.9	3.33	29.4	3.73	29.4	3.73	33.3	4.28	37.2	4.95	41.2	5.75
	25.0	22.4	3.11	26.9	3.87	29.4	4.56	29.4	4.56	33.3	5.39	37.2	6.30	41.2	7.27
	30.0	22.4	3.91	26.9	4.85	29.4	5.66	29.4	5.66	33.3	6.67	37.2	7.75	41.2	8.90
	35.0	22.4	4.76	26.9	5.90	29.4	6.84	29.4	6.84	33.3	8.04	36.6	8.97	38.1	8.97
	40.0	22.4	5.69	26.9	7.03	29.4	8.12	29.4	8.12	32.3	8.97	33.7	8.97	35.2	8.97
	43.0	22.4	6.28	26.9	7.75	29.4	8.94	29.4	8.94	30.8	8.97	32.1	8.86	32.9	8.44
	46.0	22.2	6.83	24.0	6.86	24.0	6.86	24.0	6.86	24.8	6.59	25.7	6.37	26.8	6.21
	52.0	9.4	2.62	10.3	2.62	10.5	2.62	10.5	2.62	11.6	2.70	12.9	2.80	14.2	2.89

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-10.0	20.5	2.44	24.6	2.93	28.7	3.41	28.7	3.41	32.5	3.86	36.4	4.32	40.2	4.77
	-5.0	20.5	2.44	24.6	2.93	28.7	3.41	28.7	3.41	32.5	3.87	36.4	4.32	40.2	4.78
	0.0	20.5	2.44	24.6	2.93	28.7	3.42	28.7	3.42	32.5	3.87	36.4	4.33	40.2	4.78
	5.0	20.5	2.45	24.6	2.94	28.7	3.42	28.7	3.42	32.5	3.88	36.4	4.33	40.2	4.79
	10.0	20.5	2.45	24.6	2.94	28.7	3.43	28.7	3.43	32.5	3.89	36.4	4.36	40.2	4.82
	15.0	20.5	2.46	24.6	2.96	28.7	3.47	28.7	3.47	32.5	3.96	36.4	4.45	40.2	4.92
	20.0	20.5	2.51	24.6	3.05	28.7	3.63	28.7	3.63	32.5	4.16	36.4	4.76	40.2	5.53
	25.0	20.5	2.86	24.6	3.54	28.7	4.41	28.7	4.41	32.5	5.21	36.4	6.07	40.2	7.00
	30.0	20.5	3.59	24.6	4.44	28.7	5.48	28.7	5.48	32.5	6.44	36.4	7.48	40.2	8.58
	35.0	20.5	4.37	24.6	5.40	28.7	6.62	28.7	6.62	32.5	7.77	36.3	8.95	37.8	8.97
	40.0	20.5	5.22	24.6	6.43	28.7	7.87	28.7	7.87	32.1	8.97	33.5	8.97	34.9	8.97
	43.0	20.5	5.75	24.6	7.09	28.7	8.67	28.7	8.67	30.5	8.97	31.9	8.93	32.6	8.48
	46.0	20.3	6.26	23.9	6.89	23.9	6.89	23.9	6.89	24.6	6.60	25.5	6.36	26.5	6.18
	52.0	8.7	2.58	9.6	2.58	10.3	2.58	10.3	2.58	11.4	2.65	12.6	2.74	13.9	2.82

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-10.0	18.7	2.22	22.4	2.66	26.1	3.10	28.0	3.33	31.7	3.77	35.5	4.21	39.2	4.66
	-5.0	18.7	2.22	22.4	2.66	26.1	3.11	28.0	3.33	31.7	3.77	35.5	4.22	39.2	4.66
	0.0	18.7	2.22	22.4	2.67	26.1	3.11	28.0	3.33	31.7	3.78	35.5	4.22	39.2	4.67
	5.0	18.7	2.23	22.4	2.67	26.1	3.12	28.0	3.34	31.7	3.78	35.5	4.23	39.2	4.67
	10.0	18.7	2.23	22.4	2.68	26.1	3.12	28.0	3.35	31.7	3.80	35.5	4.25	39.2	4.70
	15.0	18.7	2.24	22.4	2.69	26.1	3.15	28.0	3.38	31.7	3.86	35.5	4.33	39.2	4.80
	20.0	18.7	2.29	22.4	2.78	26.1	3.28	28.0	3.53	31.7	4.05	35.5	4.58	39.2	5.31
	25.0	18.7	2.61	22.4	3.22	26.1	3.90	28.0	4.26	31.7	5.02	35.5	5.85	39.2	6.74
	30.0	18.7	3.27	22.4	4.03	26.1	4.86	28.0	5.30	31.7	6.22	35.5	7.21	39.2	8.27
	35.0	18.7	3.98	22.4	4.90	26.1	5.89	28.0	6.41	31.7	7.51	35.5	8.68	37.5	8.97
	40.0	18.7	4.75	22.4	5.84	26.1	7.01	28.0	7.62	31.7	8.91	33.2	8.97	34.6	8.97
	43.0	18.7	5.23	22.4	6.43	26.1	7.72	28.0	8.39	30.3	8.97	31.7	8.97	32.4	8.53
	46.0	18.5	5.69	22.2	7.00	23.6	7.12	23.8	6.93	24.4	6.61	25.3	6.36	26.2	6.16
	52.0	8.1	2.44	8.8	2.46	9.6	2.51	10.1	2.54	11.1	2.60	12.2	2.68	13.5	2.76

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-10ME2E8 (Cooling) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-10.0	16.8	2.00	20.2	2.40	23.5	2.79	25.2	2.99	28.6	3.39	31.9	3.79	35.3	4.19
	-5.0	16.8	2.00	20.2	2.40	23.5	2.80	25.2	3.00	28.6	3.40	31.9	3.80	35.3	4.20
	0.0	16.8	2.00	20.2	2.40	23.5	2.80	25.2	3.00	28.6	3.40	31.9	3.80	35.3	4.20
	5.0	16.8	2.01	20.2	2.41	23.5	2.81	25.2	3.01	28.6	3.41	31.9	3.81	35.3	4.21
	10.0	16.8	2.01	20.2	2.41	23.5	2.81	25.2	3.01	28.6	3.41	31.9	3.82	35.3	4.23
	15.0	16.8	2.02	20.2	2.42	23.5	2.83	25.2	3.03	28.6	3.45	31.9	3.88	35.3	4.30
	20.0	16.8	2.05	20.2	2.48	23.5	2.92	25.2	3.14	28.6	3.60	31.9	4.06	35.3	4.52
	25.0	16.8	2.31	20.2	2.83	23.5	3.39	25.2	3.69	28.6	4.32	31.9	5.01	35.3	5.74
	30.0	16.8	2.90	20.2	3.55	23.5	4.24	25.2	4.61	28.6	5.38	31.9	6.21	35.3	7.08
	35.0	16.8	3.53	20.2	4.32	23.5	5.16	25.2	5.59	28.6	6.52	31.9	7.50	35.3	8.53
	40.0	16.8	4.21	20.2	5.14	23.5	6.14	25.2	6.66	28.6	7.74	31.9	8.89	33.4	8.97
	43.0	16.8	4.64	20.2	5.67	23.5	6.77	25.2	7.34	28.6	8.53	30.5	8.97	31.7	8.86
	46.0	16.6	5.05	20.0	6.17	23.3	7.36	23.4	7.14	23.9	6.74	24.4	6.41	25.1	6.14
	52.0	7.7	2.38	8.3	2.37	8.9	2.38	9.3	2.39	10.1	2.42	11.1	2.46	12.1	2.50

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-10.0	14.9	1.78	17.9	2.13	20.9	2.48	22.4	2.66	25.4	3.02	28.4	3.37	31.4	3.73
	-5.0	14.9	1.78	17.9	2.13	20.9	2.49	22.4	2.66	25.4	3.02	28.4	3.38	31.4	3.73
	0.0	14.9	1.78	17.9	2.13	20.9	2.49	22.4	2.67	25.4	3.02	28.4	3.38	31.4	3.74
	5.0	14.9	1.78	17.9	2.14	20.9	2.50	22.4	2.67	25.4	3.03	28.4	3.39	31.4	3.74
	10.0	14.9	1.79	17.9	2.15	20.9	2.50	22.4	2.68	25.4	3.04	28.4	3.39	31.4	3.75
	15.0	14.9	1.80	17.9	2.15	20.9	2.51	22.4	2.69	25.4	3.06	28.4	3.43	31.4	3.80
	20.0	14.9	1.81	17.9	2.19	20.9	2.57	22.4	2.76	25.4	3.16	28.4	3.56	31.4	3.97
	25.0	14.9	2.00	17.9	2.46	20.9	2.92	22.4	3.17	25.4	3.68	28.4	4.23	31.4	4.82
	30.0	14.9	2.54	17.9	3.08	20.9	3.66	22.4	3.97	25.4	4.60	28.4	5.28	31.4	5.99
	35.0	14.9	3.10	17.9	3.76	20.9	4.46	22.4	4.82	25.4	5.59	28.4	6.39	31.4	7.24
	40.0	14.9	3.69	17.9	4.49	20.9	5.32	22.4	5.75	25.4	6.66	28.4	7.60	31.4	8.60
	43.0	14.9	4.07	17.9	4.95	20.9	5.87	22.4	6.34	25.4	7.34	28.4	8.38	30.5	8.97
	46.0	14.8	4.43	17.7	5.38	20.7	6.38	22.2	6.90	23.5	7.02	23.8	6.60	24.3	6.25
	52.0	7.4	2.34	7.8	2.29	8.4	2.27	8.6	2.27	9.3	2.26	10.0	2.27	10.8	2.29

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-10.0	13.1	1.55	15.7	1.86	18.3	2.17	19.6	2.33	22.2	2.64	24.8	2.95	27.4	3.26
	-5.0	13.1	1.56	15.7	1.87	18.3	2.18	19.6	2.33	22.2	2.64	24.8	2.95	27.4	3.26
	0.0	13.1	1.56	15.7	1.87	18.3	2.18	19.6	2.34	22.2	2.65	24.8	2.96	27.4	3.27
	5.0	13.1	1.56	15.7	1.87	18.3	2.18	19.6	2.34	22.2	2.65	24.8	2.96	27.4	3.27
	10.0	13.1	1.57	15.7	1.88	18.3	2.19	19.6	2.35	22.2	2.66	24.8	2.97	27.4	3.28
	15.0	13.1	1.57	15.7	1.89	18.3	2.20	19.6	2.35	22.2	2.67	24.8	2.99	27.4	3.31
	20.0	13.1	1.58	15.7	1.90	18.3	2.23	19.6	2.40	22.2	2.73	24.8	3.08	27.4	3.42
	25.0	13.1	1.71	15.7	2.10	18.3	2.49	19.6	2.68	22.2	3.09	24.8	3.53	27.4	3.99
	30.0	13.1	2.21	15.7	2.65	18.3	3.12	19.6	3.37	22.2	3.88	24.8	4.42	27.4	4.99
	35.0	13.1	2.69	15.7	3.23	18.3	3.81	19.6	4.10	22.2	4.73	24.8	5.38	27.4	6.06
	40.0	13.1	3.20	15.7	3.86	18.3	4.55	19.6	4.90	22.2	5.64	24.8	6.41	27.4	7.21
	43.0	13.1	3.53	15.7	4.26	18.3	5.02	19.6	5.41	22.2	6.22	24.8	7.07	27.4	7.95
	46.0	12.9	3.84	15.5	4.63	18.1	5.46	19.4	5.89	22.0	6.77	23.4	7.00	23.7	6.55
	52.0	7.2	2.33	7.5	2.25	7.9	2.20	8.1	2.18	8.5	2.14	9.1	2.12	9.7	2.11

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-10.0	11.2	1.33	13.4	1.60	15.7	1.86	16.8	2.00	19.0	2.26	21.3	2.53	23.5	2.80
	-5.0	11.2	1.33	13.4	1.60	15.7	1.87	16.8	2.00	19.0	2.27	21.3	2.53	23.5	2.80
	0.0	11.2	1.34	13.4	1.60	15.7	1.87	16.8	2.00	19.0	2.27	21.3	2.54	23.5	2.80
	5.0	11.2	1.34	13.4	1.61	15.7	1.87	16.8	2.01	19.0	2.27	21.3	2.54	23.5	2.81
	10.0	11.2	1.34	13.4	1.61	15.7	1.88	16.8	2.01	19.0	2.28	21.3	2.55	23.5	2.81
	15.0	11.2	1.35	13.4	1.62	15.7	1.89	16.8	2.02	19.0	2.29	21.3	2.55	23.5	2.83
	20.0	11.2	1.36	13.4	1.63	15.7	1.90	16.8	2.04	19.0	2.32	21.3	2.61	23.5	2.90
	25.0	11.2	1.43	13.4	1.75	15.7	2.07	16.8	2.23	19.0	2.57	21.3	2.89	23.5	3.25
	30.0	11.2	1.89	13.4	2.25	15.7	2.62	16.8	2.82	19.0	3.22	21.3	3.64	23.5	4.08
	35.0	11.2	2.30	13.4	2.74	15.7	3.20	16.8	3.43	19.0	3.93	21.3	4.44	23.5	4.97
	40.0	11.2	2.73	13.4	3.27	15.7	3.82	16.8	4.11	19.0	4.69	21.3	5.30	23.5	5.93
	43.0	11.2	3.01	13.4	3.60	15.7	4.22	16.8	4.53	19.0	5.18	21.3	5.85	23.5	6.55
	46.0	11.1	3.27	13.3	3.92	15.5	4.59	16.6	4.93	18.8	5.64	21.1	6.37	23.3	7.13
	52.0	7.0	2.35	7.2	2.25	7.5	2.16	7.6	2.12	7.9	2.06	8.3	2.01	8.7	1.97

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-10ME2E8 (Cooling) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-10.0	9.3	1.11	11.2	1.33	13.1	1.55	14.0	1.67	15.9	1.89	17.7	2.11	19.6	2.33
	-5.0	9.3	1.11	11.2	1.33	13.1	1.56	14.0	1.67	15.9	1.89	17.7	2.11	19.6	2.33
	0.0	9.3	1.11	11.2	1.34	13.1	1.56	14.0	1.67	15.9	1.89	17.7	2.11	19.6	2.34
	5.0	9.3	1.12	11.2	1.34	13.1	1.56	14.0	1.67	15.9	1.90	17.7	2.12	19.6	2.34
	10.0	9.3	1.12	11.2	1.34	13.1	1.57	14.0	1.68	15.9	1.90	17.7	2.12	19.6	2.35
	15.0	9.3	1.12	11.2	1.35	13.1	1.57	14.0	1.68	15.9	1.91	17.7	2.13	19.6	2.35
	20.0	9.3	1.13	11.2	1.36	13.1	1.58	14.0	1.69	15.9	1.92	17.7	2.15	19.6	2.39
	25.0	9.3	1.17	11.2	1.42	13.1	1.67	14.0	1.80	15.9	2.07	17.7	2.34	19.6	2.60
	30.0	9.3	1.60	11.2	1.87	13.1	2.16	14.0	2.31	15.9	2.61	17.7	2.93	19.6	3.26
	35.0	9.3	1.93	11.2	2.28	13.1	2.63	14.0	2.81	15.9	3.19	17.7	3.58	19.6	3.98
	40.0	9.3	2.29	11.2	2.71	13.1	3.14	14.0	3.36	15.9	3.82	17.7	4.28	19.6	4.76
	43.0	9.3	2.52	11.2	2.98	13.1	3.47	14.0	3.71	15.9	4.21	17.7	4.73	19.6	5.26
	46.0	9.2	2.73	11.1	3.24	12.9	3.77	13.9	4.04	15.7	4.58	17.6	5.15	19.4	5.72
	52.0	6.9	2.43	7.0	2.29	7.1	2.18	7.2	2.12	7.4	2.03	7.7	1.96	8.0	1.89

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-10.0	7.5	0.89	9.0	1.07	10.5	1.24	11.2	1.33	12.7	1.51	14.2	1.69	15.7	1.87
	-5.0	7.5	0.89	9.0	1.07	10.5	1.25	11.2	1.33	12.7	1.51	14.2	1.69	15.7	1.87
	0.0	7.5	0.89	9.0	1.07	10.5	1.25	11.2	1.34	12.7	1.51	14.2	1.69	15.7	1.87
	5.0	7.5	0.89	9.0	1.07	10.5	1.25	11.2	1.34	12.7	1.52	14.2	1.70	15.7	1.87
	10.0	7.5	0.90	9.0	1.07	10.5	1.25	11.2	1.34	12.7	1.52	14.2	1.70	15.7	1.88
	15.0	7.5	0.90	9.0	1.08	10.5	1.26	11.2	1.35	12.7	1.53	14.2	1.71	15.7	1.89
	20.0	7.5	0.91	9.0	1.09	10.5	1.27	11.2	1.36	12.7	1.54	14.2	1.72	15.7	1.90
	25.0	7.5	0.92	9.0	1.11	10.5	1.30	11.2	1.40	12.7	1.60	14.2	1.81	15.7	2.01
	30.0	7.5	1.32	9.0	1.52	10.5	1.73	11.2	1.84	12.7	2.06	14.2	2.29	15.7	2.52
	35.0	7.5	1.58	9.0	1.84	10.5	2.11	11.2	2.24	12.7	2.52	14.2	2.80	15.7	3.09
	40.0	7.5	1.86	9.0	2.18	10.5	2.51	11.2	2.67	12.7	3.00	14.2	3.35	15.7	3.69
	43.0	7.5	2.04	9.0	2.40	10.5	2.76	11.2	2.94	12.7	3.31	14.2	3.69	15.7	4.08
	46.0	7.4	2.21	8.9	2.60	10.3	3.00	11.1	3.20	12.6	3.61	14.0	4.02	15.5	4.44
	52.0	6.0	2.21	6.9	2.42	6.9	2.27	7.0	2.21	7.1	2.08	7.2	1.98	7.4	1.88

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-10.0	5.6	0.67	6.7	0.80	7.8	0.93	8.4	1.00	9.5	1.13	10.6	1.27	11.8	1.40
	-5.0	5.6	0.67	6.7	0.80	7.8	0.94	8.4	1.00	9.5	1.14	10.6	1.27	11.8	1.40
	0.0	5.6	0.67	6.7	0.80	7.8	0.94	8.4	1.00	9.5	1.14	10.6	1.27	11.8	1.40
	5.0	5.6	0.67	6.7	0.80	7.8	0.94	8.4	1.00	9.5	1.14	10.6	1.27	11.8	1.41
	10.0	5.6	0.67	6.7	0.81	7.8	0.94	8.4	1.01	9.5	1.14	10.6	1.28	11.8	1.41
	15.0	5.6	0.68	6.7	0.81	7.8	0.95	8.4	1.01	9.5	1.15	10.6	1.28	11.8	1.42
	20.0	5.6	0.68	6.7	0.82	7.8	0.95	8.4	1.02	9.5	1.16	10.6	1.29	11.8	1.43
	25.0	5.6	0.70	6.7	0.83	7.8	0.97	8.4	1.04	9.5	1.17	10.6	1.32	11.8	1.46
	30.0	5.6	1.06	6.7	1.20	7.8	1.35	8.4	1.42	9.5	1.57	10.6	1.72	11.8	1.87
	35.0	5.6	1.25	6.7	1.44	7.8	1.62	8.4	1.71	9.5	1.90	10.6	2.09	11.8	2.28
	40.0	5.6	1.46	6.7	1.69	7.8	1.91	8.4	2.03	9.5	2.26	10.6	2.49	11.8	2.72
	43.0	5.6	1.60	6.7	1.85	7.8	2.10	8.4	2.23	9.5	2.48	10.6	2.74	11.8	3.01
	46.0	5.5	1.72	6.7	2.00	7.8	2.28	8.3	2.42	9.4	2.70	10.5	2.98	11.6	3.27
	52.0	4.5	1.72	5.4	1.99	6.4	2.27	6.8	2.41	6.9	2.29	6.9	2.14	7.0	2.01

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

1-4. U-10ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-24.9	-25.0	15.9	6.92	15.5	6.82	14.6	6.62	14.2	6.51	12.9	6.13	12.0	5.84	9.7	4.99
	-19.8	-20.0	18.5	7.13	18.0	7.03	17.1	6.79	16.6	6.67	15.1	6.26	14.1	5.95	11.3	5.05
	-14.7	-15.0	21.3	7.43	20.8	7.31	19.7	7.05	19.2	6.91	17.5	6.46	16.3	6.13	13.2	5.17
	-9.6	-10.0	24.6	7.86	24.0	7.73	22.8	7.44	22.2	7.29	20.3	6.80	19.0	6.44	15.5	5.41
	-4.4	-5.0	28.5	8.50	27.8	8.35	26.5	8.02	25.8	7.84	23.6	7.24	22.1	6.87	18.0	5.73
	-1.8	-2.5	30.7	8.75	30.0	8.60	28.5	8.29	27.8	8.11	25.5	7.54	23.8	7.12	19.4	5.92
	0.8	0.0	33.0	8.93	32.2	8.78	30.7	8.44	29.9	8.26	27.4	7.66	25.6	7.23	20.9	5.99
	2.8	2.0	34.9	9.04	34.1	8.88	32.5	8.53	31.6	8.34	29.0	7.73	27.2	7.28	21.3	5.71
	6.0	5.0	38.1	9.18	37.2	9.02	35.1	8.51	33.9	8.17	30.1	7.19	27.6	6.56	21.3	5.05
	7.0	6.0	38.9	9.09	37.6	8.76	35.1	8.11	33.9	7.79	30.1	6.86	27.6	6.26	21.3	4.83
	8.6	7.5	38.9	8.40	37.6	8.10	35.1	7.51	33.9	7.22	30.1	6.37	27.6	5.83	21.3	4.52
	11.2	10.0	38.9	7.31	37.6	7.05	35.1	6.56	33.9	6.31	30.1	5.60	27.6	5.14	21.3	4.03
	16.4	15.0	38.9	5.35	37.6	5.19	35.1	4.87	33.9	4.71	30.1	4.24	27.6	3.93	21.3	3.16
	24.0	18.0	38.9	5.02	37.6	4.87	35.1	4.57	33.9	4.43	30.1	3.98	27.6	3.69	21.3	2.95

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-24.9	-25.0	15.8	6.84	15.4	6.75	14.6	6.54	14.2	6.43	12.9	6.06	12.0	5.78	9.6	4.94
	-19.8	-20.0	18.4	7.05	18.0	6.95	17.0	6.72	16.5	6.59	15.0	6.19	14.0	5.88	11.3	5.00
	-14.7	-15.0	21.3	7.35	20.7	7.23	19.7	6.98	19.1	6.84	17.4	6.39	16.3	6.07	13.2	5.12
	-9.6	-10.0	24.6	7.79	24.0	7.66	22.8	7.38	22.2	7.23	20.3	6.74	18.9	6.38	15.4	5.36
	-4.4	-5.0	28.5	8.43	27.8	8.28	26.5	7.96	25.8	7.79	23.6	7.22	22.1	6.79	18.0	5.68
	-1.8	-2.5	30.7	8.65	30.0	8.51	28.5	8.19	27.8	8.02	25.4	7.46	23.8	7.05	19.3	5.86
	0.8	0.0	33.0	8.82	32.2	8.66	30.7	8.33	29.8	8.15	27.3	7.57	25.5	7.14	20.8	5.93
	2.8	2.0	34.9	8.92	34.1	8.76	32.5	8.41	31.6	8.23	28.9	7.63	27.0	7.14	20.8	5.49
	6.0	5.0	38.0	9.02	36.8	8.70	34.3	8.06	33.1	7.75	29.4	6.85	27.0	6.26	20.8	4.85
	7.0	6.0	38.0	8.57	36.8	8.27	34.3	7.67	33.1	7.38	29.4	6.53	27.0	5.98	20.8	4.65
	8.6	7.5	38.0	7.92	36.8	7.64	34.3	7.10	33.1	6.84	29.4	6.06	27.0	5.56	20.8	4.35
	11.2	10.0	38.0	6.87	36.8	6.65	34.3	6.20	33.1	5.98	29.4	5.33	27.0	4.91	20.8	3.88
	16.4	15.0	38.0	5.02	36.8	4.87	34.3	4.59	33.1	4.45	29.4	4.02	27.0	3.74	20.8	3.04
	24.0	18.0	38.0	4.91	36.8	4.77	34.3	4.48	33.1	4.33	29.4	3.90	27.0	3.61	20.8	2.89

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-24.9	-25.0	15.8	6.76	15.4	6.67	14.5	6.47	14.1	6.36	12.8	5.99	11.9	5.71	9.6	4.88
	-19.8	-20.0	18.4	6.98	17.9	6.87	17.0	6.64	16.5	6.52	15.0	6.12	13.9	5.82	11.2	4.94
	-14.7	-15.0	21.2	7.28	20.7	7.16	19.6	6.91	19.1	6.77	17.4	6.33	16.2	6.00	13.1	5.07
	-9.6	-10.0	24.5	7.73	23.9	7.59	22.7	7.31	22.1	7.16	20.2	6.68	18.9	6.32	15.3	5.31
	-4.4	-5.0	28.5	8.34	27.8	8.20	26.4	7.90	25.7	7.73	23.5	7.17	22.0	6.76	17.9	5.63
	-1.8	-2.5	30.7	8.54	29.9	8.40	28.5	8.10	27.7	7.93	25.4	7.38	23.7	6.97	19.3	5.80
	0.8	0.0	33.0	8.70	32.2	8.55	30.6	8.22	29.8	8.05	27.3	7.47	25.5	7.05	20.3	5.70
	2.8	2.0	34.9	8.80	34.1	8.64	32.4	8.30	31.6	8.12	28.7	7.46	26.3	6.82	20.3	5.28
	6.0	5.0	37.1	8.50	35.9	8.21	33.5	7.63	32.3	7.35	28.7	6.52	26.3	5.98	20.3	4.67
	7.0	6.0	37.1	8.08	35.9	7.80	33.5	7.26	32.3	6.99	28.7	6.21	26.3	5.71	20.3	4.47
	8.6	7.5	37.1	7.45	35.9	7.20	33.5	6.72	32.3	6.48	28.7	5.77	26.3	5.31	20.3	4.18
	11.2	10.0	37.1	6.46	35.9	6.26	33.5	5.86	32.3	5.66	28.7	5.07	26.3	4.68	20.3	3.73
	16.4	15.0	37.1	4.80	35.9	4.66	33.5	4.38	32.3	4.24	28.7	3.82	26.3	3.57	20.3	2.92
	24.0	18.0	37.1	4.80	35.9	4.66	33.5	4.38	32.3	4.24	28.7	3.82	26.3	3.54	20.3	2.83

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-24.9	-25.0	15.7	6.68	15.3	6.59	14.5	6.39	14.1	6.29	12.8	5.92	11.9	5.65	9.5	4.83
	-19.8	-20.0	18.3	6.90	17.9	6.79	16.9	6.57	16.4	6.45	14.9	6.05	13.9	5.75	11.2	4.89
	-14.7	-15.0	21.2	7.21	20.7	7.09	19.6	6.84	19.0	6.70	17.3	6.26	16.2	5.94	13.0	5.02
	-9.6	-10.0	24.5	7.66	23.9	7.53	22.7	7.24	22.1	7.10	20.2	6.61	18.8	6.26	15.3	5.26
	-4.4	-5.0	28.4	8.25	27.8	8.12	26.4	7.82	25.7	7.66	23.5	7.12	21.9	6.71	17.8	5.56
	-1.8	-2.5	30.6	8.44	29.9	8.30	28.4	8.00	27.7	7.83	25.3	7.29	23.6	6.88	19.2	5.73
	0.8	0.0	33.0	8.59	32.2	8.44	30.6	8.11	29.7	7.94	27.2	7.38	25.4	6.96	19.8	5.48
	2.8	2.0	34.9	8.68	34.1	8.52	32.4	8.19	31.5	8.01	28.0	7.10	25.7	6.51	19.8	5.07
	6.0	5.0	36.2	8.01	35.0	7.74	32.7	7.22	31.5	6.96	28.0	6.20	25.7	5.70	19.8	4.47
	7.0	6.0	36.2	7.60	35.0	7.35	32.7	6.87	31.5	6.62	28.0	5.90	25.7	5.43	19.8	4.29
	8.6	7.5	36.2	7.00	35.0	6.78	32.7	6.34	31.5	6.12	28.0	5.48	25.7	5.05	19.8	4.01
	11.2	10.0	36.2	6.06	35.0	5.88	32.7	5.52	31.5	5.34	28.0	4.81	25.7	4.46	19.8	3.58
	16.4	15.0	36.2	4.70	35.0	4.56	32.7	4.29	31.5	4.15	28.0	3.74	25.7	3.46	19.8	2.79
	24.0	18.0	36.2	4.70	35.0	4.56	32.7	4.29	31.5	4.15	28.0	3.74	25.7	3.46	19.8	2.77

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-10ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-24.9	-25.0	15.5	6.37	15.1	6.29	14.3	6.10	13.8	6.00	12.5	5.66	11.6	5.40	9.3	4.62
	-19.8	-20.0	18.1	6.60	17.6	6.50	16.7	6.28	16.2	6.17	14.7	5.79	13.6	5.51	10.9	4.68
	-14.7	-15.0	21.0	6.92	20.5	6.81	19.4	6.57	18.8	6.43	17.1	6.01	15.9	5.71	12.8	4.82
	-9.6	-10.0	24.4	7.42	23.8	7.27	22.5	6.99	21.9	6.85	19.9	6.38	18.6	6.04	15.0	5.07
	-4.4	-5.0	28.3	7.86	27.7	7.74	26.2	7.47	25.5	7.32	23.2	6.83	21.7	6.47	17.5	5.40
	-1.8	-2.5	30.5	8.00	29.8	7.87	28.3	7.59	27.5	7.44	25.0	6.93	23.1	6.46	17.9	5.11
	0.8	0.0	32.6	8.00	31.5	7.76	29.4	7.28	28.4	7.05	25.2	6.33	23.1	5.86	17.9	4.66
	2.8	2.0	32.6	7.29	31.5	7.08	29.4	6.66	28.4	6.45	25.2	5.80	23.1	5.41	17.9	4.37
	6.0	5.0	32.6	6.32	31.5	6.17	29.4	5.87	28.4	5.71	25.2	5.21	23.1	4.84	17.9	3.88
	7.0	6.0	32.6	6.20	31.5	6.03	29.4	5.67	28.4	5.50	25.2	4.97	23.1	4.61	17.9	3.72
	8.6	7.5	32.6	5.70	31.5	5.54	29.4	5.23	28.4	5.08	25.2	4.60	23.1	4.29	17.9	3.48
	11.2	10.0	32.6	4.90	31.5	4.78	29.4	4.54	28.4	4.42	25.2	4.04	23.1	3.78	17.9	3.11
	16.4	15.0	32.6	4.27	31.5	4.15	29.4	3.90	28.4	3.78	25.2	3.41	23.1	3.16	17.9	2.54
	24.0	18.0	32.6	4.27	31.5	4.15	29.4	3.90	28.4	3.78	25.2	3.41	23.1	3.16	17.9	2.54

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-24.9	-25.0	15.3	6.10	14.9	6.02	14.1	5.84	13.6	5.74	12.3	5.42	11.4	5.17	9.1	4.44
	-19.8	-20.0	17.9	6.34	17.4	6.24	16.5	6.03	16.0	5.92	14.4	5.55	13.4	5.28	10.7	4.50
	-14.7	-15.0	20.8	6.68	20.3	6.57	19.2	6.33	18.6	6.20	16.9	5.79	15.7	5.49	12.5	4.64
	-9.6	-10.0	24.3	7.17	23.6	7.06	22.4	6.80	21.7	6.65	19.7	6.17	18.4	5.83	14.7	4.89
	-4.4	-5.0	28.3	7.48	27.5	7.37	26.1	7.12	25.2	6.93	22.4	6.29	20.5	5.85	15.9	4.71
	-1.8	-2.5	28.9	7.00	28.0	6.82	26.1	6.46	25.2	6.27	22.4	5.71	20.5	5.32	15.9	4.34
	0.8	0.0	28.9	6.25	28.0	6.09	26.1	5.81	25.2	5.67	22.4	5.21	20.5	4.88	15.9	4.01
	2.8	2.0	28.9	5.76	28.0	5.64	26.1	5.39	25.2	5.26	22.4	4.85	20.5	4.55	15.9	3.75
	6.0	5.0	28.9	5.11	28.0	5.01	26.1	4.80	25.2	4.69	22.4	4.33	20.5	4.06	15.9	3.33
	7.0	6.0	28.9	4.98	28.0	4.86	26.1	4.63	25.2	4.50	22.4	4.13	20.5	3.87	15.9	3.19
	8.6	7.5	28.9	4.56	28.0	4.46	26.1	4.26	25.2	4.15	22.4	3.83	20.5	3.60	15.9	2.99
	11.2	10.0	28.9	3.90	28.0	3.83	26.1	3.68	25.2	3.60	22.4	3.35	20.5	3.17	15.9	2.67
	16.4	15.0	28.9	3.85	28.0	3.74	26.1	3.52	25.2	3.41	22.4	3.08	20.5	2.86	15.9	2.31
	24.0	18.0	28.9	3.85	28.0	3.74	26.1	3.52	25.2	3.41	22.4	3.08	20.5	2.86	15.9	2.31

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-24.9	-25.0	15.2	5.90	14.8	5.82	13.9	5.65	13.5	5.55	12.2	5.24	11.3	5.00	8.9	4.30
	-19.8	-20.0	17.8	6.15	17.4	6.05	16.4	5.85	15.9	5.74	14.3	5.38	13.3	5.12	10.5	4.36
	-14.7	-15.0	20.8	6.51	20.3	6.40	19.1	6.16	18.5	6.04	16.8	5.64	15.6	5.35	12.4	4.52
	-9.6	-10.0	24.3	6.94	23.7	6.84	22.4	6.62	21.7	6.49	19.6	6.03	18.0	5.60	13.9	4.52
	-4.4	-5.0	25.3	6.06	24.5	5.93	22.9	5.67	22.1	5.54	19.6	5.12	18.0	4.82	13.9	3.99
	-1.8	-2.5	25.3	5.51	24.5	5.41	22.9	5.20	22.1	5.08	19.6	4.71	18.0	4.44	13.9	3.70
	0.8	0.0	25.3	5.01	24.5	4.92	22.9	4.73	22.1	4.63	19.6	4.31	18.0	4.07	13.9	3.40
	2.8	2.0	25.3	4.62	24.5	4.54	22.9	4.38	22.1	4.29	19.6	4.00	18.0	3.79	13.9	3.18
	6.0	5.0	25.3	4.06	24.5	4.00	22.9	3.87	22.1	3.80	19.6	3.55	18.0	3.37	13.9	2.83
	7.0	6.0	25.3	3.92	24.5	3.86	22.9	3.71	22.1	3.63	19.6	3.39	18.0	3.21	13.9	2.71
	8.6	7.5	25.3	3.58	24.5	3.53	22.9	3.41	22.1	3.34	19.6	3.13	18.0	2.98	13.9	2.54
	11.2	10.0	25.3	3.42	24.5	3.32	22.9	3.13	22.1	3.04	19.6	2.75	18.0	2.62	13.9	2.27
	16.4	15.0	25.3	3.42	24.5	3.32	22.9	3.13	22.1	3.04	19.6	2.75	18.0	2.55	13.9	2.07
	24.0	18.0	25.3	3.42	24.5	3.32	22.9	3.13	22.1	3.04	19.6	2.75	18.0	2.55	13.9	2.07

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-24.9	-25.0	15.4	5.85	15.0	5.76	14.1	5.59	13.6	5.49	12.3	5.18	11.3	4.95	9.0	4.25
	-19.8	-20.0	18.1	6.11	17.6	6.01	16.6	5.80	16.0	5.69	14.5	5.34	13.4	5.08	10.6	4.32
	-14.7	-15.0	21.2	6.51	20.6	6.36	19.4	6.14	18.8	6.01	16.8	5.55	15.4	5.19	11.9	4.27
	-9.6	-10.0	21.7	5.71	21.0	5.61	19.6	5.40	18.9	5.29	16.8	4.92	15.4	4.64	11.9	3.84
	-4.4	-5.0	21.7	4.83	21.0	4.75	19.6	4.59	18.9	4.50	16.8	4.21	15.4	3.99	11.9	3.36
	-1.8	-2.5	21.7	4.39	21.0	4.33	19.6	4.19	18.9	4.11	16.8	3.86	15.4	3.66	11.9	3.10
	0.8	0.0	21.7	3.97	21.0	3.92	19.6	3.80	18.9	3.74	16.8	3.52	15.4	3.35	11.9	2.86
	2.8	2.0	21.7	3.64	21.0	3.60	19.6	3.50	18.9	3.45	16.8	3.26	15.4	3.11	11.9	2.67
	6.0	5.0	21.7	3.18	21.0	3.15	19.6	3.07	18.9	3.03	16.8	2.87	15.4	2.75	11.9	2.36
	7.0	6.0	21.7	3.03	21.0	3.00	19.6	2.92	18.9	2.88	16.8	2.73	15.4	2.62	11.9	2.27
	8.6	7.5	21.7	2.99	21.0	2.91	19.6	2.75	18.9	2.66	16.8	2.53	15.4	2.43	11.9	2.13
	11.2	10.0	21.7	2.99	21.0	2.91	19.6	2.75	18.9	2.66	16.8	2.42	15.4	2.25	11.9	1.91
	16.4	15.0	21.7	2.99	21.0	2.91	19.6	2.75	18.9	2.66	16.8	2.42	15.4	2.25	11.9	1.84
	24.0	18.0	21.7	2.99	21.0	2.91	19.6	2.75	18.9	2.66	16.8	2.42	15.4	2.25	11.9	1.84

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-10ME2E8 (Heating) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-24.9	-25.0	16.2	6.03	15.7	5.94	14.7	5.76	14.3	5.66	12.8	5.33	11.8	5.09	9.3	4.37
	-19.8	-20.0	18.1	5.96	17.5	5.84	16.3	5.59	15.8	5.46	14.0	5.05	12.8	4.77	9.9	3.98
	-14.7	-15.0	18.1	5.28	17.5	5.19	16.3	5.00	15.8	4.89	14.0	4.50	12.8	4.23	9.9	3.53
	-9.6	-10.0	18.1	4.52	17.5	4.46	16.3	4.32	15.8	4.24	14.0	3.98	12.8	3.78	9.9	3.21
	-4.4	-5.0	18.1	3.79	17.5	3.75	16.3	3.65	15.8	3.59	14.0	3.39	12.8	3.24	9.9	2.78
	-1.8	-2.5	18.1	3.44	17.5	3.40	16.3	3.32	15.8	3.27	14.0	3.10	12.8	2.97	9.9	2.56
	0.8	0.0	18.1	3.09	17.5	3.07	16.3	3.00	15.8	2.96	14.0	2.82	12.8	2.71	9.9	2.36
	2.8	2.0	18.1	2.83	17.5	2.81	16.3	2.76	15.8	2.73	14.0	2.61	12.8	2.51	9.9	2.20
	6.0	5.0	18.1	2.57	17.5	2.50	16.3	2.38	15.8	2.36	14.0	2.27	12.8	2.20	9.9	1.94
	7.0	6.0	18.1	2.57	17.5	2.50	16.3	2.36	15.8	2.29	14.0	2.16	12.8	2.10	9.9	1.87
	8.6	7.5	18.1	2.57	17.5	2.50	16.3	2.36	15.8	2.29	14.0	2.09	12.8	1.95	9.9	1.76
	11.2	10.0	18.1	2.57	17.5	2.50	16.3	2.36	15.8	2.29	14.0	2.09	12.8	1.95	9.9	1.61
	16.4	15.0	18.1	2.57	17.5	2.50	16.3	2.36	15.8	2.29	14.0	2.09	12.8	1.95	9.9	1.61
	24.0	18.0	18.1	2.57	17.5	2.50	16.3	2.36	15.8	2.29	14.0	2.09	12.8	1.95	9.9	1.61

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-24.9	-25.0	14.5	5.20	14.0	5.11	13.1	4.92	12.6	4.83	11.2	4.52	10.3	4.29	7.9	3.65
	-19.8	-20.0	14.5	4.60	14.0	4.54	13.1	4.36	12.6	4.27	11.2	3.97	10.3	3.76	7.9	3.18
	-14.7	-15.0	14.5	4.08	14.0	4.03	13.1	3.91	12.6	3.84	11.2	3.60	10.3	3.39	7.9	2.85
	-9.6	-10.0	14.5	3.48	14.0	3.44	13.1	3.36	12.6	3.31	11.2	3.13	10.3	3.00	7.9	2.59
	-4.4	-5.0	14.5	2.90	14.0	2.88	13.1	2.82	12.6	2.79	11.2	2.66	10.3	2.56	7.9	2.24
	-1.8	-2.5	14.5	2.62	14.0	2.61	13.1	2.56	12.6	2.54	11.2	2.44	10.3	2.35	7.9	2.07
	0.8	0.0	14.5	2.35	14.0	2.34	13.1	2.31	12.6	2.30	11.2	2.22	10.3	2.14	7.9	1.90
	2.8	2.0	14.5	2.14	14.0	2.12	13.1	2.10	12.6	2.09	11.2	2.03	10.3	1.97	7.9	1.77
	6.0	5.0	14.5	2.14	14.0	2.09	13.1	1.98	12.6	1.92	11.2	1.76	10.3	1.72	7.9	1.57
	7.0	6.0	14.5	2.14	14.0	2.09	13.1	1.98	12.6	1.92	11.2	1.76	10.3	1.65	7.9	1.51
	8.6	7.5	14.5	2.14	14.0	2.09	13.1	1.98	12.6	1.92	11.2	1.76	10.3	1.65	7.9	1.43
	11.2	10.0	14.5	2.14	14.0	2.09	13.1	1.98	12.6	1.92	11.2	1.76	10.3	1.65	7.9	1.37
	16.4	15.0	14.5	2.14	14.0	2.09	13.1	1.98	12.6	1.92	11.2	1.76	10.3	1.65	7.9	1.37
	24.0	18.0	14.5	2.14	14.0	2.09	13.1	1.98	12.6	1.92	11.2	1.76	10.3	1.65	7.9	1.37

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-24.9	-25.0	10.9	3.86	10.5	3.80	9.8	3.67	9.5	3.60	8.4	3.39	7.7	3.23	6.0	2.78
	-19.8	-20.0	10.9	3.48	10.5	3.42	9.8	3.28	9.5	3.22	8.4	3.01	7.7	2.86	6.0	2.45
	-14.7	-15.0	10.9	3.01	10.5	2.97	9.8	2.90	9.5	2.86	8.4	2.72	7.7	2.60	6.0	2.21
	-9.6	-10.0	10.9	2.56	10.5	2.54	9.8	2.49	9.5	2.47	8.4	2.36	7.7	2.27	6.0	2.00
	-4.4	-5.0	10.9	2.13	10.5	2.12	9.8	2.10	9.5	2.08	8.4	2.01	7.7	1.95	6.0	1.74
	-1.8	-2.5	10.9	1.90	10.5	1.90	9.8	1.89	9.5	1.88	8.4	1.82	7.7	1.77	6.0	1.60
	0.8	0.0	10.9	1.72	10.5	1.68	9.8	1.68	9.5	1.68	8.4	1.65	7.7	1.61	6.0	1.47
	2.8	2.0	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.51	7.7	1.48	6.0	1.37
	6.0	5.0	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.43	7.7	1.35	6.0	1.23
	7.0	6.0	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.43	7.7	1.35	6.0	1.19
	8.6	7.5	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.43	7.7	1.35	6.0	1.14
	11.2	10.0	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.43	7.7	1.35	6.0	1.14
	16.4	15.0	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.43	7.7	1.35	6.0	1.14
	24.0	18.0	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.43	7.7	1.35	6.0	1.14

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

1-5. U-12ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-10.0	29.0	3.76	34.8	4.51	36.0	4.67	36.0	4.67	40.8	5.29	45.6	5.92	50.4	6.54
	-5.0	29.0	3.76	34.8	4.52	36.0	4.67	36.0	4.67	40.8	5.30	45.6	5.92	50.4	6.54
	0.0	29.0	3.77	34.8	4.52	36.0	4.68	36.0	4.68	40.8	5.30	45.6	5.93	50.4	6.55
	5.0	29.0	3.77	34.8	4.53	36.0	4.69	36.0	4.69	40.8	5.32	45.6	5.95	50.4	6.57
	10.0	29.0	3.78	34.8	4.54	36.0	4.72	36.0	4.72	40.8	5.37	45.6	6.01	50.4	6.64
	15.0	29.0	3.80	34.8	4.58	36.0	4.81	36.0	4.81	40.8	5.49	45.6	6.16	50.4	6.80
	20.0	29.0	3.92	34.8	4.77	36.0	5.09	36.0	5.09	40.8	5.83	45.6	6.81	50.4	7.91
	25.0	29.0	4.49	34.8	5.58	36.0	6.25	36.0	6.25	40.8	7.39	45.6	8.63	50.4	9.96
	30.0	29.0	5.62	34.8	6.97	36.0	7.73	36.0	7.73	40.8	9.10	45.6	10.57	49.9	11.86
	35.0	29.0	6.84	34.8	8.47	36.0	9.32	36.0	9.32	40.8	10.94	44.2	11.86	46.1	11.86
	40.0	29.0	8.15	34.8	10.08	36.0	11.04	36.0	11.04	39.0	11.86	40.7	11.86	42.5	11.86
	43.0	29.0	8.99	34.8	11.10	35.5	11.86	35.5	11.86	37.1	11.86	38.6	11.60	39.6	11.08
	46.0	28.7	9.03	28.9	9.03	28.9	9.03	28.9	9.03	29.9	8.70	31.1	8.44	32.5	8.25
	52.0	12.1	3.57	12.8	3.57	12.8	3.57	12.8	3.57	14.2	3.70	15.8	3.83	17.5	3.97

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-10.0	26.8	3.47	32.2	4.17	35.2	4.56	35.2	4.56	39.9	5.17	44.6	5.78	49.2	6.38
	-5.0	26.8	3.48	32.2	4.17	35.2	4.57	35.2	4.57	39.9	5.18	44.6	5.78	49.2	6.39
	0.0	26.8	3.48	32.2	4.17	35.2	4.57	35.2	4.57	39.9	5.18	44.6	5.79	49.2	6.40
	5.0	26.8	3.49	32.2	4.18	35.2	4.58	35.2	4.58	39.9	5.19	44.6	5.81	49.2	6.42
	10.0	26.8	3.49	32.2	4.19	35.2	4.60	35.2	4.60	39.9	5.24	44.6	5.87	49.2	6.49
	15.0	26.8	3.51	32.2	4.23	35.2	4.69	35.2	4.69	39.9	5.36	44.6	6.02	49.2	6.64
	20.0	26.8	3.62	32.2	4.40	35.2	4.96	35.2	4.96	39.9	5.68	44.6	6.56	49.2	7.61
	25.0	26.8	4.15	32.2	5.15	35.2	6.05	35.2	6.05	39.9	7.14	44.6	8.32	49.2	9.60
	30.0	26.8	5.20	32.2	6.43	35.2	7.49	35.2	7.49	39.9	8.80	44.6	10.22	49.2	11.73
	35.0	26.8	6.32	32.2	7.80	35.2	9.03	35.2	9.03	39.9	10.59	43.9	11.86	45.7	11.86
	40.0	26.8	7.53	32.2	9.28	35.2	10.71	35.2	10.71	38.7	11.86	40.4	11.86	42.2	11.86
	43.0	26.8	8.30	32.2	10.22	35.2	11.78	35.2	11.78	36.9	11.85	38.4	11.67	39.3	11.12
	46.0	26.5	9.02	28.8	9.06	28.8	9.06	28.8	9.06	29.7	8.70	30.8	8.42	32.1	8.21
	52.0	11.3	3.52	12.4	3.52	12.6	3.52	12.6	3.52	13.9	3.63	15.4	3.75	17.0	3.88

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-10.0	24.6	3.18	29.5	3.82	34.3	4.45	34.3	4.45	38.9	5.05	43.5	5.64	48.1	6.23
	-5.0	24.6	3.19	29.5	3.82	34.3	4.46	34.3	4.46	38.9	5.05	43.5	5.65	48.1	6.24
	0.0	24.6	3.19	29.5	3.83	34.3	4.46	34.3	4.46	38.9	5.06	43.5	5.65	48.1	6.24
	5.0	24.6	3.20	29.5	3.84	34.3	4.47	34.3	4.47	38.9	5.07	43.5	5.67	48.1	6.27
	10.0	24.6	3.21	29.5	3.84	34.3	4.49	34.3	4.49	38.9	5.11	43.5	5.73	48.1	6.33
	15.0	24.6	3.22	29.5	3.88	34.3	4.57	34.3	4.57	38.9	5.22	43.5	5.87	48.1	6.49
	20.0	24.6	3.32	29.5	4.04	34.3	4.82	34.3	4.82	38.9	5.53	43.5	6.32	48.1	7.32
	25.0	24.6	3.83	29.5	4.72	34.3	5.85	34.3	5.85	38.9	6.90	43.5	8.03	48.1	9.24
	30.0	24.6	4.78	29.5	5.89	34.3	7.25	34.3	7.25	38.9	8.51	43.5	9.86	48.1	11.31
	35.0	24.6	5.81	29.5	7.15	34.3	8.75	34.3	8.75	38.9	10.25	43.4	11.79	45.3	11.86
	40.0	24.6	6.91	29.5	8.50	34.3	10.38	34.3	10.38	38.4	11.86	40.1	11.86	41.8	11.86
	43.0	24.6	7.61	29.5	9.36	34.3	11.42	34.3	11.42	36.6	11.86	38.2	11.76	39.1	11.18
	46.0	24.3	8.27	28.6	9.10	28.6	9.10	28.6	9.10	29.4	8.71	30.5	8.41	31.7	8.17
	52.0	10.5	3.46	11.4	3.46	12.3	3.46	12.3	3.46	13.6	3.56	15.0	3.67	16.6	3.78

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-10.0	22.3	2.90	26.8	3.48	31.3	4.05	33.5	4.34	38.0	4.92	42.4	5.50	46.9	6.08
	-5.0	22.3	2.90	26.8	3.48	31.3	4.06	33.5	4.35	38.0	4.93	42.4	5.51	46.9	6.09
	0.0	22.3	2.90	26.8	3.48	31.3	4.06	33.5	4.35	38.0	4.93	42.4	5.51	46.9	6.09
	5.0	22.3	2.91	26.8	3.49	31.3	4.07	33.5	4.36	38.0	4.94	42.4	5.53	46.9	6.12
	10.0	22.3	2.92	26.8	3.50	31.3	4.08	33.5	4.38	38.0	4.98	42.4	5.58	46.9	6.18
	15.0	22.3	2.93	26.8	3.53	31.3	4.14	33.5	4.45	38.0	5.08	42.4	5.72	46.9	6.33
	20.0	22.3	3.02	26.8	3.68	31.3	4.35	33.5	4.69	38.0	5.38	42.4	6.08	46.9	7.03
	25.0	22.3	3.51	26.8	4.31	31.3	5.19	33.5	5.66	38.0	6.66	42.4	7.74	46.9	8.90
	30.0	22.3	4.37	26.8	5.37	31.3	6.45	33.5	7.02	38.0	8.22	42.4	9.52	46.9	10.90
	35.0	22.3	5.30	26.8	6.50	31.3	7.79	33.5	8.47	38.0	9.91	42.4	11.44	44.9	11.86
	40.0	22.3	6.30	26.8	7.72	31.3	9.25	33.5	10.05	38.0	11.73	39.8	11.86	41.5	11.86
	43.0	22.3	6.93	26.8	8.50	31.3	10.18	33.5	11.06	36.3	11.86	38.0	11.86	38.8	11.24
	46.0	22.1	7.53	26.5	9.24	28.2	9.40	28.5	9.15	29.2	8.73	30.2	8.40	31.4	8.15
	52.0	9.6	3.28	10.5	3.31	11.5	3.37	12.1	3.41	13.3	3.49	14.6	3.59	16.1	3.70

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-12ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-10.0	20.1	2.61	24.1	3.13	28.1	3.65	30.2	3.91	34.2	4.43	38.2	4.95	42.2	5.48
	-5.0	20.1	2.61	24.1	3.13	28.1	3.65	30.2	3.91	34.2	4.44	38.2	4.96	42.2	5.48
	0.0	20.1	2.61	24.1	3.14	28.1	3.66	30.2	3.92	34.2	4.44	38.2	4.96	42.2	5.49
	5.0	20.1	2.62	24.1	3.14	28.1	3.67	30.2	3.93	34.2	4.45	38.2	4.97	42.2	5.50
	10.0	20.1	2.63	24.1	3.15	28.1	3.67	30.2	3.94	34.2	4.47	38.2	5.01	42.2	5.55
	15.0	20.1	2.63	24.1	3.17	28.1	3.71	30.2	3.99	34.2	4.54	38.2	5.11	42.2	5.68
	20.0	20.1	2.70	24.1	3.28	28.1	3.87	30.2	4.17	34.2	4.78	38.2	5.39	42.2	6.00
	25.0	20.1	3.10	24.1	3.79	28.1	4.53	30.2	4.92	34.2	5.75	38.2	6.64	42.2	7.59
	30.0	20.1	3.88	24.1	4.73	28.1	5.64	30.2	6.12	34.2	7.13	38.2	8.20	42.2	9.35
	35.0	20.1	4.71	24.1	5.73	28.1	6.83	30.2	7.40	34.2	8.61	38.2	9.89	42.2	11.24
	40.0	20.1	5.59	24.1	6.82	28.1	8.12	30.2	8.80	34.2	10.21	38.2	11.71	40.0	11.86
	43.0	20.1	6.16	24.1	7.51	28.1	8.94	30.2	9.68	34.2	11.24	36.6	11.86	38.0	11.67
	46.0	19.9	6.69	23.9	8.15	27.9	9.71	28.0	9.43	28.5	8.90	29.2	8.47	30.1	8.12
	52.0	9.2	3.20	9.9	3.19	10.7	3.20	11.1	3.21	12.1	3.25	13.2	3.31	14.4	3.37

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-10.0	17.9	2.32	21.4	2.78	25.0	3.24	26.8	3.48	30.4	3.94	33.9	4.40	37.5	4.87
	-5.0	17.9	2.32	21.4	2.78	25.0	3.25	26.8	3.48	30.4	3.94	33.9	4.41	37.5	4.87
	0.0	17.9	2.32	21.4	2.79	25.0	3.25	26.8	3.48	30.4	3.95	33.9	4.41	37.5	4.88
	5.0	17.9	2.33	21.4	2.79	25.0	3.26	26.8	3.49	30.4	3.96	33.9	4.42	37.5	4.89
	10.0	17.9	2.33	21.4	2.80	25.0	3.27	26.8	3.50	30.4	3.97	33.9	4.44	37.5	4.92
	15.0	17.9	2.35	21.4	2.81	25.0	3.29	26.8	3.53	30.4	4.01	33.9	4.51	37.5	5.01
	20.0	17.9	2.38	21.4	2.88	25.0	3.40	26.8	3.66	30.4	4.19	33.9	4.73	37.5	5.26
	25.0	17.9	2.69	21.4	3.31	25.0	3.91	26.8	4.23	30.4	4.90	33.9	5.63	37.5	6.39
	30.0	17.9	3.42	21.4	4.13	25.0	4.88	26.8	5.28	30.4	6.11	33.9	6.99	37.5	7.92
	35.0	17.9	4.14	21.4	5.01	25.0	5.92	26.8	6.39	30.4	7.40	33.9	8.45	37.5	9.56
	40.0	17.9	4.92	21.4	5.96	25.0	7.05	26.8	7.61	30.4	8.79	33.9	10.03	37.5	11.33
	43.0	17.9	5.42	21.4	6.56	25.0	7.76	26.8	8.38	30.4	9.68	33.9	11.04	36.6	11.86
	46.0	17.7	5.88	21.2	7.12	24.8	8.43	26.5	9.11	28.1	9.27	28.5	8.72	29.0	8.26
	52.0	8.9	3.15	9.4	3.09	10.0	3.06	10.3	3.05	11.1	3.05	12.0	3.06	12.9	3.08

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-10.0	15.6	2.03	18.8	2.43	21.9	2.84	23.5	3.04	26.6	3.45	29.7	3.85	32.8	4.26
	-5.0	15.6	2.03	18.8	2.44	21.9	2.84	23.5	3.05	26.6	3.45	29.7	3.86	32.8	4.26
	0.0	15.6	2.03	18.8	2.44	21.9	2.85	23.5	3.05	26.6	3.46	29.7	3.86	32.8	4.27
	5.0	15.6	2.04	18.8	2.44	21.9	2.85	23.5	3.06	26.6	3.46	29.7	3.87	32.8	4.28
	10.0	15.6	2.04	18.8	2.45	21.9	2.86	23.5	3.06	26.6	3.47	29.7	3.88	32.8	4.29
	15.0	15.6	2.05	18.8	2.46	21.9	2.87	23.5	3.08	26.6	3.49	29.7	3.92	32.8	4.35
	20.0	15.6	2.07	18.8	2.50	21.9	2.94	23.5	3.16	26.6	3.62	29.7	4.08	32.8	4.54
	25.0	15.6	2.29	18.8	2.82	21.9	3.34	23.5	3.60	26.6	4.14	29.7	4.71	32.8	5.31
	30.0	15.6	2.98	18.8	3.56	21.9	4.18	23.5	4.50	26.6	5.17	29.7	5.87	32.8	6.61
	35.0	15.6	3.61	18.8	4.32	21.9	5.07	23.5	5.45	26.6	6.27	29.7	7.12	32.8	8.01
	40.0	15.6	4.28	18.8	5.14	21.9	6.04	23.5	6.50	26.6	7.46	29.7	8.47	32.8	9.51
	43.0	15.6	4.71	18.8	5.66	21.9	6.65	23.5	7.16	26.6	8.22	29.7	9.33	32.8	10.48
	46.0	15.5	5.11	18.6	6.14	21.7	7.23	23.2	7.79	26.3	8.94	28.0	9.24	28.3	8.65
	52.0	8.6	3.13	9.0	3.04	9.4	2.96	9.7	2.94	10.2	2.89	10.9	2.87	11.6	2.85

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-10.0	13.4	1.74	16.1	2.09	18.8	2.43	20.1	2.61	22.8	2.96	25.5	3.30	28.1	3.65
	-5.0	13.4	1.74	16.1	2.09	18.8	2.44	20.1	2.61	22.8	2.96	25.5	3.31	28.1	3.66
	0.0	13.4	1.74	16.1	2.09	18.8	2.44	20.1	2.61	22.8	2.96	25.5	3.31	28.1	3.66
	5.0	13.4	1.75	16.1	2.10	18.8	2.45	20.1	2.62	22.8	2.97	25.5	3.32	28.1	3.67
	10.0	13.4	1.75	16.1	2.10	18.8	2.45	20.1	2.63	22.8	2.98	25.5	3.33	28.1	3.67
	15.0	13.4	1.76	16.1	2.11	18.8	2.46	20.1	2.63	22.8	2.99	25.5	3.34	28.1	3.70
	20.0	13.4	1.77	16.1	2.13	18.8	2.50	20.1	2.68	22.8	3.06	25.5	3.44	28.1	3.83
	25.0	13.4	1.91	16.1	2.34	18.8	2.78	20.1	2.99	22.8	3.44	25.5	3.88	28.1	4.34
	30.0	13.4	2.57	16.1	3.03	18.8	3.52	20.1	3.78	22.8	4.30	25.5	4.85	28.1	5.43
	35.0	13.4	3.10	16.1	3.68	18.8	4.28	20.1	4.58	22.8	5.23	25.5	5.90	28.1	6.59
	40.0	13.4	3.67	16.1	4.36	18.8	5.09	20.1	5.46	22.8	6.23	25.5	7.02	28.1	7.85
	43.0	13.4	4.03	16.1	4.80	18.8	5.60	20.1	6.02	22.8	6.86	25.5	7.74	28.1	8.65
	46.0	13.3	4.37	15.9	5.21	18.6	6.09	19.9	6.54	22.6	7.46	25.2	8.42	27.9	9.41
	52.0	8.4	3.16	8.6	3.03	8.9	2.92	9.1	2.87	9.5	2.79	9.9	2.72	10.5	2.67

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-12ME2E8 (Cooling) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-10.0	11.2	1.45	13.4	1.74	15.6	2.03	16.8	2.17	19.0	2.46	21.2	2.75	23.5	3.04
	-5.0	11.2	1.45	13.4	1.74	15.6	2.03	16.8	2.18	19.0	2.47	21.2	2.76	23.5	3.05
	0.0	11.2	1.45	13.4	1.74	15.6	2.03	16.8	2.18	19.0	2.47	21.2	2.76	23.5	3.05
	5.0	11.2	1.46	13.4	1.75	15.6	2.04	16.8	2.18	19.0	2.47	21.2	2.77	23.5	3.06
	10.0	11.2	1.46	13.4	1.75	15.6	2.04	16.8	2.19	19.0	2.48	21.2	2.77	23.5	3.06
	15.0	11.2	1.47	13.4	1.76	15.6	2.05	16.8	2.20	19.0	2.49	21.2	2.78	23.5	3.07
	20.0	11.2	1.48	13.4	1.77	15.6	2.07	16.8	2.22	19.0	2.52	21.2	2.83	23.5	3.14
	25.0	11.2	1.55	13.4	1.89	15.6	2.24	16.8	2.41	19.0	2.77	21.2	3.13	23.5	3.49
	30.0	11.2	2.18	13.4	2.54	15.6	2.92	16.8	3.11	19.0	3.51	21.2	3.92	23.5	4.35
	35.0	11.2	2.62	13.4	3.07	15.6	3.54	16.8	3.77	19.0	4.27	21.2	4.77	23.5	5.30
	40.0	11.2	3.08	13.4	3.63	15.6	4.20	16.8	4.49	19.0	5.08	21.2	5.69	23.5	6.32
	43.0	11.2	3.38	13.4	3.99	15.6	4.62	16.8	4.94	19.0	5.60	21.2	6.27	23.5	6.96
	46.0	11.1	3.66	13.3	4.33	15.5	5.02	16.6	5.37	18.8	6.08	21.0	6.82	23.2	7.57
	52.0	8.3	3.26	8.4	3.09	8.5	2.94	8.7	2.87	8.9	2.75	9.2	2.65	9.5	2.56

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-10.0	8.9	1.16	10.7	1.39	12.5	1.62	13.4	1.74	15.2	1.97	17.0	2.20	18.8	2.44
	-5.0	8.9	1.16	10.7	1.39	12.5	1.63	13.4	1.74	15.2	1.97	17.0	2.21	18.8	2.44
	0.0	8.9	1.16	10.7	1.40	12.5	1.63	13.4	1.74	15.2	1.98	17.0	2.21	18.8	2.44
	5.0	8.9	1.17	10.7	1.40	12.5	1.63	13.4	1.75	15.2	1.98	17.0	2.21	18.8	2.45
	10.0	8.9	1.17	10.7	1.40	12.5	1.64	13.4	1.75	15.2	1.99	17.0	2.22	18.8	2.45
	15.0	8.9	1.18	10.7	1.41	12.5	1.64	13.4	1.76	15.2	1.99	17.0	2.23	18.8	2.46
	20.0	8.9	1.18	10.7	1.42	12.5	1.66	13.4	1.77	15.2	2.01	17.0	2.24	18.8	2.48
	25.0	8.9	1.21	10.7	1.47	12.5	1.73	13.4	1.86	15.2	2.13	17.0	2.41	18.8	2.68
	30.0	8.9	1.82	10.7	2.08	12.5	2.36	13.4	2.50	15.2	2.79	17.0	3.09	18.8	3.39
	35.0	8.9	2.16	10.7	2.50	12.5	2.85	13.4	3.02	15.2	3.38	17.0	3.75	18.8	4.13
	40.0	8.9	2.53	10.7	2.95	12.5	3.37	13.4	3.58	15.2	4.02	17.0	4.47	18.8	4.92
	43.0	8.9	2.77	10.7	3.23	12.5	3.70	13.4	3.94	15.2	4.42	17.0	4.92	18.8	5.42
	46.0	8.8	2.99	10.6	3.50	12.4	4.01	13.3	4.27	15.0	4.81	16.8	5.35	18.6	5.90
	52.0	7.2	2.98	8.2	3.26	8.3	3.07	8.4	2.98	8.5	2.82	8.6	2.68	8.8	2.55

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-10.0	6.7	0.87	8.0	1.05	9.4	1.22	10.1	1.31	11.4	1.48	12.7	1.65	14.1	1.83
	-5.0	6.7	0.87	8.0	1.05	9.4	1.22	10.1	1.31	11.4	1.48	12.7	1.66	14.1	1.83
	0.0	6.7	0.87	8.0	1.05	9.4	1.22	10.1	1.31	11.4	1.48	12.7	1.66	14.1	1.83
	5.0	6.7	0.88	8.0	1.05	9.4	1.22	10.1	1.31	11.4	1.49	12.7	1.66	14.1	1.84
	10.0	6.7	0.88	8.0	1.05	9.4	1.23	10.1	1.32	11.4	1.49	12.7	1.67	14.1	1.84
	15.0	6.7	0.88	8.0	1.06	9.4	1.23	10.1	1.32	11.4	1.50	12.7	1.67	14.1	1.85
	20.0	6.7	0.89	8.0	1.07	9.4	1.24	10.1	1.33	11.4	1.51	12.7	1.68	14.1	1.86
	25.0	6.7	0.91	8.0	1.08	9.4	1.27	10.1	1.36	11.4	1.55	12.7	1.74	14.1	1.93
	30.0	6.7	1.48	8.0	1.66	9.4	1.85	10.1	1.95	11.4	2.14	12.7	2.34	14.1	2.54
	35.0	6.7	1.73	8.0	1.97	9.4	2.21	10.1	2.33	11.4	2.58	12.7	2.83	14.1	3.08
	40.0	6.7	2.01	8.0	2.30	9.4	2.59	10.1	2.74	11.4	3.04	12.7	3.35	14.1	3.65
	43.0	6.7	2.18	8.0	2.51	9.4	2.84	10.1	3.00	11.4	3.34	12.7	3.68	14.1	4.02
	46.0	6.6	2.34	8.0	2.70	9.3	3.07	9.9	3.25	11.3	3.62	12.6	3.99	13.9	4.37
	52.0	5.4	2.34	6.5	2.70	7.6	3.06	8.1	3.25	8.3	3.08	8.3	2.89	8.4	2.72

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

1-6. U-12ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-24.9	-25.0	19.1	8.37	18.6	8.24	17.5	7.97	17.0	7.83	15.4	7.35	14.3	6.99	11.3	5.92
	-19.8	-20.0	22.3	8.70	21.7	8.56	20.5	8.25	19.9	8.09	18.0	7.55	16.7	7.16	13.4	6.02
	-14.7	-15.0	25.9	9.18	25.3	9.01	23.9	8.66	23.2	8.48	21.0	7.88	19.5	7.45	15.7	6.22
	-9.6	-10.0	30.2	9.87	29.4	9.68	27.8	9.28	27.0	9.07	24.6	8.40	22.9	7.92	18.4	6.57
	-4.4	-5.0	35.1	10.69	34.2	10.49	32.4	10.07	31.5	9.84	28.7	9.09	26.7	8.54	21.4	7.00
	-1.8	-2.5	37.8	10.95	36.9	10.75	34.9	10.30	33.9	10.06	30.8	9.29	28.7	8.73	23.1	7.18
	0.8	0.0	40.5	11.09	39.6	10.95	37.5	10.48	36.5	10.23	33.2	9.44	30.9	8.86	25.0	7.29
	2.8	2.0	42.6	11.09	42.0	11.09	39.9	10.64	38.7	10.39	35.3	9.59	32.8	8.97	25.4	6.90
	6.0	5.0	45.9	11.09	44.8	10.86	41.8	10.09	40.3	9.71	35.8	8.60	32.8	7.87	25.4	6.10
	7.0	6.0	46.3	10.70	44.8	10.34	41.8	9.61	40.3	9.26	35.8	8.21	32.8	7.52	25.4	5.84
	8.6	7.5	46.3	9.90	44.8	9.57	41.8	8.91	40.3	8.59	35.8	7.63	32.8	7.00	25.4	5.46
	11.2	10.0	46.3	8.64	44.8	8.36	41.8	7.81	40.3	7.53	35.8	6.72	32.8	6.19	25.4	4.86
	16.4	15.0	46.3	6.38	44.8	6.20	41.8	5.84	40.3	5.66	35.8	5.11	32.8	4.74	25.4	3.81
	24.0	18.0	46.3	6.25	44.8	6.06	41.8	5.68	40.3	5.49	35.8	4.92	32.8	4.54	25.4	3.59

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-24.9	-25.0	19.1	8.29	18.5	8.17	17.5	7.90	17.0	7.76	15.3	7.29	14.2	6.93	11.3	5.88
	-19.8	-20.0	22.3	8.63	21.7	8.48	20.5	8.18	19.9	8.02	18.0	7.49	16.7	7.10	13.3	5.97
	-14.7	-15.0	25.9	9.11	25.2	8.94	23.8	8.60	23.1	8.41	21.0	7.82	19.5	7.39	15.6	6.18
	-9.6	-10.0	30.1	9.80	29.4	9.61	27.8	9.22	27.0	9.01	24.5	8.35	22.8	7.87	18.3	6.52
	-4.4	-5.0	35.1	10.59	34.2	10.40	32.4	9.98	31.5	9.76	28.6	9.02	26.6	8.48	21.4	6.96
	-1.8	-2.5	37.8	10.84	36.8	10.64	34.9	10.20	33.9	9.96	30.8	9.21	28.7	8.65	23.0	7.11
	0.8	0.0	40.6	11.05	39.6	10.84	37.5	10.37	36.4	10.13	33.1	9.34	30.9	8.78	24.8	7.18
	2.8	2.0	42.8	11.09	42.0	11.01	39.8	10.54	38.7	10.29	35.0	9.38	32.1	8.58	24.8	6.64
	6.0	5.0	45.2	10.64	43.8	10.29	40.8	9.58	39.4	9.24	35.0	8.21	32.1	7.53	24.8	5.87
	7.0	6.0	45.2	10.12	43.8	9.79	40.8	9.13	39.4	8.80	35.0	7.83	32.1	7.19	24.8	5.62
	8.6	7.5	45.2	9.36	43.8	9.05	40.8	8.46	39.4	8.16	35.0	7.28	32.1	6.70	24.8	5.25
	11.2	10.0	45.2	8.15	43.8	7.90	40.8	7.40	39.4	7.15	35.0	6.41	32.1	5.91	24.8	4.68
	16.4	15.0	45.2	6.11	43.8	5.92	40.8	5.55	39.4	5.37	35.0	4.86	32.1	4.52	24.8	3.66
	24.0	18.0	45.2	6.11	43.8	5.92	40.8	5.55	39.4	5.37	35.0	4.81	32.1	4.44	24.8	3.51

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-24.9	-25.0	19.0	8.22	18.5	8.10	17.4	7.84	16.9	7.70	15.3	7.23	14.2	6.87	11.2	5.83
	-19.8	-20.0	22.2	8.56	21.6	8.42	20.4	8.12	19.8	7.95	17.9	7.43	16.6	7.04	13.3	5.93
	-14.7	-15.0	25.9	9.04	25.2	8.88	23.8	8.53	23.1	8.35	20.9	7.77	19.4	7.34	15.6	6.13
	-9.6	-10.0	30.1	9.72	29.3	9.55	27.8	9.16	27.0	8.96	24.5	8.29	22.8	7.81	18.3	6.48
	-4.4	-5.0	35.1	10.50	34.2	10.31	32.4	9.90	31.4	9.68	28.6	8.95	26.6	8.42	21.3	6.92
	-1.8	-2.5	37.8	10.73	36.8	10.53	34.8	10.10	33.8	9.87	30.7	9.12	28.6	8.57	22.9	7.05
	0.8	0.0	40.6	10.94	39.6	10.72	37.5	10.27	36.4	10.03	33.1	9.25	30.8	8.70	24.2	6.91
	2.8	2.0	43.0	11.09	42.0	10.90	39.8	10.44	38.4	10.08	34.2	8.95	31.3	8.22	24.2	6.39
	6.0	5.0	44.1	10.06	42.7	9.74	39.9	9.10	38.4	8.78	34.2	7.83	31.3	7.20	24.2	5.64
	7.0	6.0	44.1	9.56	42.7	9.26	39.9	8.66	38.4	8.36	34.2	7.47	31.3	6.87	24.2	5.40
	8.6	7.5	44.1	8.84	42.7	8.56	39.9	8.02	38.4	7.75	34.2	6.94	31.3	6.40	24.2	5.05
	11.2	10.0	44.1	7.69	42.7	7.46	39.9	7.01	38.4	6.78	34.2	6.10	31.3	5.65	24.2	4.50
	16.4	15.0	44.1	5.97	42.7	5.79	39.9	5.43	38.4	5.25	34.2	4.70	31.3	4.34	24.2	3.52
	24.0	18.0	44.1	5.97	42.7	5.79	39.9	5.43	38.4	5.25	34.2	4.70	31.3	4.34	24.2	3.44

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-24.9	-25.0	19.0	8.15	18.5	8.03	17.4	7.78	16.9	7.64	15.2	7.17	14.1	6.82	11.2	5.79
	-19.8	-20.0	22.2	8.49	21.6	8.35	20.4	8.05	19.8	7.89	17.9	7.37	16.6	6.99	13.2	5.88
	-14.7	-15.0	25.8	8.98	25.2	8.82	23.8	8.48	23.1	8.30	20.9	7.71	19.4	7.29	15.5	6.09
	-9.6	-10.0	30.1	9.70	29.3	9.48	27.7	9.11	26.9	8.90	24.4	8.24	22.7	7.76	18.2	6.43
	-4.4	-5.0	35.1	10.40	34.2	10.22	32.4	9.81	31.4	9.60	28.5	8.88	26.5	8.36	21.2	6.87
	-1.8	-2.5	37.8	10.63	36.8	10.43	34.8	10.00	33.8	9.77	30.7	9.04	28.5	8.50	22.9	6.99
	0.8	0.0	40.6	10.83	39.6	10.62	37.5	10.17	36.4	9.93	33.1	9.17	30.6	8.53	23.6	6.65
	2.8	2.0	43.1	10.99	41.7	10.64	38.9	9.93	37.5	9.58	33.3	8.55	30.6	7.86	23.6	6.15
	6.0	5.0	43.1	9.51	41.7	9.21	38.9	8.63	37.5	8.34	33.3	7.46	30.6	6.87	23.6	5.41
	7.0	6.0	43.1	9.03	41.7	8.76	38.9	8.21	37.5	7.92	33.3	7.10	30.6	6.55	23.6	5.19
	8.6	7.5	43.1	8.32	41.7	8.07	38.9	7.58	37.5	7.33	33.3	6.60	30.6	6.10	23.6	4.85
	11.2	10.0	43.1	7.23	41.7	7.03	38.9	6.63	37.5	6.42	33.3	5.81	30.6	5.40	23.6	4.33
	16.4	15.0	43.1	5.83	41.7	5.66	38.9	5.30	37.5	5.13	33.3	4.60	30.6	4.24	23.6	3.36
	24.0	18.0	43.1	5.83	41.7	5.66	38.9	5.30	37.5	5.13	33.3	4.60	30.6	4.24	23.6	3.36

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-12ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-24.9	-25.0	18.9	7.94	18.4	7.83	17.3	7.57	16.8	7.43	15.1	6.98	14.0	6.64	11.1	5.64
	-19.8	-20.0	22.2	8.29	21.6	8.15	20.3	7.86	19.7	7.70	17.8	7.19	16.5	6.82	13.1	5.74
	-14.7	-15.0	25.8	8.80	25.1	8.64	23.7	8.30	23.0	8.12	20.8	7.55	19.3	7.13	15.4	5.95
	-9.6	-10.0	30.2	9.56	29.4	9.38	27.8	8.97	26.9	8.73	24.4	8.09	22.7	7.61	18.1	6.30
	-4.4	-5.0	35.2	10.10	34.3	9.92	32.4	9.53	31.4	9.32	28.5	8.64	26.4	8.14	21.1	6.72
	-1.8	-2.5	37.9	10.30	36.9	10.11	34.9	9.70	33.8	9.44	30.0	8.49	27.5	7.85	21.3	6.23
	0.8	0.0	38.8	9.60	37.5	9.33	35.0	8.79	33.8	8.51	30.0	7.68	27.5	7.12	21.3	5.67
	2.8	2.0	38.8	8.75	37.5	8.51	35.0	8.03	33.8	7.79	30.0	7.04	27.5	6.54	21.3	5.28
	6.0	5.0	38.8	7.61	37.5	7.43	35.0	7.06	33.8	6.86	30.0	6.26	27.5	5.83	21.3	4.68
	7.0	6.0	38.8	7.37	37.5	7.17	35.0	6.78	33.8	6.58	30.0	5.97	27.5	5.56	21.3	4.48
	8.6	7.5	38.8	6.77	37.5	6.60	35.0	6.26	33.8	6.08	30.0	5.54	27.5	5.17	21.3	4.19
	11.2	10.0	38.8	5.85	37.5	5.72	35.0	5.44	33.8	5.30	30.0	4.86	27.5	4.56	21.3	3.74
	16.4	15.0	38.8	5.29	37.5	5.13	35.0	4.81	33.8	4.65	30.0	4.17	27.5	3.86	21.3	3.06
	24.0	18.0	38.8	5.29	37.5	5.13	35.0	4.81	33.8	4.65	30.0	4.17	27.5	3.86	21.3	3.06

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-24.9	-25.0	19.0	7.85	18.5	7.73	17.4	7.48	16.9	7.35	15.2	6.90	14.0	6.56	11.1	5.58
	-19.8	-20.0	22.4	8.22	21.7	8.08	20.5	7.78	19.8	7.62	17.9	7.12	16.5	6.74	13.1	5.68
	-14.7	-15.0	26.1	8.75	25.4	8.59	24.0	8.25	23.2	8.07	21.0	7.49	19.4	7.07	15.4	5.90
	-9.6	-10.0	30.6	9.49	29.8	9.32	28.1	8.95	27.2	8.74	24.6	8.01	22.8	7.57	18.2	6.25
	-4.4	-5.0	34.4	9.42	33.3	9.18	31.1	8.69	30.0	8.44	26.7	7.68	24.4	7.15	18.9	5.76
	-1.8	-2.5	34.4	8.48	33.3	8.28	31.1	7.86	30.0	7.64	26.7	6.97	24.4	6.50	18.9	5.29
	0.8	0.0	34.4	7.59	33.3	7.43	31.1	7.09	30.0	6.91	26.7	6.35	24.4	5.95	18.9	4.86
	2.8	2.0	34.4	7.00	33.3	6.86	31.1	6.55	30.0	6.39	26.7	5.88	24.4	5.52	18.9	4.52
	6.0	5.0	34.4	6.17	33.3	6.05	31.1	5.79	30.0	5.65	26.7	5.20	24.4	4.88	18.9	3.99
	7.0	6.0	34.4	5.91	33.3	5.79	31.1	5.52	30.0	5.39	26.7	4.96	24.4	4.65	18.9	3.83
	8.6	7.5	34.4	5.42	33.3	5.31	31.1	5.08	30.0	4.96	26.7	4.59	24.4	4.32	18.9	3.58
	11.2	10.0	34.4	4.74	33.3	4.60	31.1	4.40	30.0	4.31	26.7	4.01	24.4	3.80	18.9	3.19
	16.4	15.0	34.4	4.74	33.3	4.60	31.1	4.31	30.0	4.17	26.7	3.75	24.4	3.47	18.9	2.76
	24.0	18.0	34.4	4.74	33.3	4.60	31.1	4.31	30.0	4.17	26.7	3.75	24.4	3.47	18.9	2.76

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-24.9	-25.0	19.5	7.94	19.0	7.82	17.9	7.57	17.3	7.43	15.5	6.97	14.4	6.63	11.3	5.63
	-19.8	-20.0	23.0	8.34	22.3	8.19	21.0	7.89	20.3	7.73	18.3	7.21	16.9	6.82	13.4	5.74
	-14.7	-15.0	26.9	8.91	26.2	8.74	24.6	8.39	23.9	8.20	21.5	7.61	19.9	7.18	15.8	5.98
	-9.6	-10.0	30.1	9.02	29.2	8.81	27.2	8.38	26.3	8.16	23.3	7.45	21.4	6.94	16.5	5.56
	-4.4	-5.0	30.1	7.46	29.2	7.31	27.2	7.01	26.3	6.84	23.3	6.31	21.4	5.93	16.5	4.89
	-1.8	-2.5	30.1	6.79	29.2	6.66	27.2	6.39	26.3	6.25	23.3	5.78	21.4	5.44	16.5	4.50
	0.8	0.0	30.1	6.14	29.2	6.03	27.2	5.80	26.3	5.67	23.3	5.26	21.4	4.96	16.5	4.13
	2.8	2.0	30.1	5.64	29.2	5.55	27.2	5.34	26.3	5.23	23.3	4.87	21.4	4.60	16.5	3.83
	6.0	5.0	30.1	4.92	29.2	4.84	27.2	4.67	26.3	4.57	23.3	4.26	21.4	4.03	16.5	3.35
	7.0	6.0	30.1	4.65	29.2	4.57	27.2	4.41	26.3	4.33	23.3	4.05	21.4	3.84	16.5	3.23
	8.6	7.5	30.1	4.24	29.2	4.18	27.2	4.05	26.3	3.98	23.3	3.74	21.4	3.56	16.5	3.02
	11.2	10.0	30.1	4.19	29.2	4.07	27.2	3.82	26.3	3.70	23.3	3.33	21.4	3.12	16.5	2.69
	16.4	15.0	30.1	4.19	29.2	4.07	27.2	3.82	26.3	3.70	23.3	3.33	21.4	3.08	16.5	2.46
	24.0	18.0	30.1	4.19	29.2	4.07	27.2	3.82	26.3	3.70	23.3	3.33	21.4	3.08	16.5	2.46

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-24.9	-25.0	20.6	8.32	20.0	8.19	18.8	7.91	18.2	7.76	16.3	7.28	15.1	6.92	11.9	5.87
	-19.8	-20.0	24.3	8.75	23.6	8.59	22.2	8.27	21.5	8.10	19.3	7.54	17.8	7.14	14.0	5.99
	-14.7	-15.0	25.8	8.34	25.0	8.12	23.3	7.71	22.5	7.50	20.0	6.86	18.3	6.42	14.2	5.24
	-9.6	-10.0	25.8	7.14	25.0	7.01	23.3	6.73	22.5	6.59	20.0	6.11	18.3	5.76	14.2	4.73
	-4.4	-5.0	25.8	5.99	25.0	5.89	23.3	5.68	22.5	5.56	20.0	5.19	18.3	4.90	14.2	4.10
	-1.8	-2.5	25.8	5.42	25.0	5.34	23.3	5.16	22.5	5.06	20.0	4.73	18.3	4.49	14.2	3.77
	0.8	0.0	25.8	4.88	25.0	4.81	23.3	4.66	22.5	4.58	20.0	4.30	18.3	4.08	14.2	3.45
	2.8	2.0	25.8	4.46	25.0	4.40	23.3	4.28	22.5	4.21	20.0	3.96	18.3	3.77	14.2	3.19
	6.0	5.0	25.8	3.79	25.0	3.75	23.3	3.66	22.5	3.60	20.0	3.41	18.3	3.26	14.2	2.78
	7.0	6.0	25.8	3.64	25.0	3.54	23.3	3.45	22.5	3.41	20.0	3.24	18.3	3.10	14.2	2.68
	8.6	7.5	25.8	3.64	25.0	3.54	23.3	3.33	22.5	3.22	20.0	2.99	18.3	2.87	14.2	2.51
	11.2	10.0	25.8	3.64	25.0	3.54	23.3	3.33	22.5	3.22	20.0	2.90	18.3	2.69	14.2	2.23
	16.4	15.0	25.8	3.64	25.0	3.54	23.3	3.33	22.5	3.22	20.0	2.90	18.3	2.69	14.2	2.16
	24.0	18.0	25.8	3.64	25.0	3.54	23.3	3.33	22.5	3.22	20.0	2.90	18.3	2.69	14.2	2.16

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-12ME2E8 (Heating) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-24.9	-25.0	21.5	8.59	20.8	8.42	19.4	8.07	18.8	7.89	16.7	7.32	15.3	6.91	11.8	5.76
	-19.8	-20.0	21.5	7.41	20.8	7.25	19.4	6.94	18.8	6.78	16.7	6.26	15.3	5.90	11.8	4.90
	-14.7	-15.0	21.5	6.62	20.8	6.51	19.4	6.25	18.8	6.10	16.7	5.59	15.3	5.25	11.8	4.33
	-9.6	-10.0	21.5	5.64	20.8	5.56	19.4	5.37	18.8	5.27	16.7	4.93	15.3	4.67	11.8	3.92
	-4.4	-5.0	21.5	4.69	20.8	4.63	19.4	4.50	18.8	4.42	16.7	4.16	15.3	3.96	11.8	3.36
	-1.8	-2.5	21.5	4.23	20.8	4.18	19.4	4.07	18.8	4.01	16.7	3.79	15.3	3.61	11.8	3.09
	0.8	0.0	21.5	3.78	20.8	3.75	19.4	3.66	18.8	3.61	16.7	3.42	15.3	3.27	11.8	2.81
	2.8	2.0	21.5	3.40	20.8	3.37	19.4	3.30	18.8	3.26	16.7	3.11	15.3	2.98	11.8	2.59
	6.0	5.0	21.5	3.10	20.8	3.01	19.4	2.83	18.8	2.76	16.7	2.67	15.3	2.58	11.8	2.27
	7.0	6.0	21.5	3.10	20.8	3.01	19.4	2.83	18.8	2.74	16.7	2.53	15.3	2.45	11.8	2.18
	8.6	7.5	21.5	3.10	20.8	3.01	19.4	2.83	18.8	2.74	16.7	2.48	15.3	2.30	11.8	2.04
	11.2	10.0	21.5	3.10	20.8	3.01	19.4	2.83	18.8	2.74	16.7	2.48	15.3	2.30	11.8	1.86
	16.4	15.0	21.5	3.10	20.8	3.01	19.4	2.83	18.8	2.74	16.7	2.48	15.3	2.30	11.8	1.86
	24.0	18.0	21.5	3.10	20.8	3.01	19.4	2.83	18.8	2.74	16.7	2.48	15.3	2.30	11.8	1.86

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-24.9	-25.0	17.2	6.52	16.7	6.40	15.6	6.16	15.0	6.04	13.3	5.63	12.2	5.34	9.4	4.51
	-19.8	-20.0	17.2	5.78	16.7	5.66	15.6	5.43	15.0	5.31	13.3	4.92	12.2	4.65	9.4	3.90
	-14.7	-15.0	17.2	5.07	16.7	5.00	15.6	4.85	15.0	4.76	13.3	4.44	12.2	4.16	9.4	3.47
	-9.6	-10.0	17.2	4.30	16.7	4.25	15.6	4.13	15.0	4.07	13.3	3.84	12.2	3.66	9.4	3.12
	-4.4	-5.0	17.2	3.55	16.7	3.51	15.6	3.44	15.0	3.39	13.3	3.23	12.2	3.10	9.4	2.67
	-1.8	-2.5	17.2	3.16	16.7	3.14	15.6	3.08	15.0	3.04	13.3	2.91	12.2	2.80	9.4	2.44
	0.8	0.0	17.2	2.77	16.7	2.75	15.6	2.72	15.0	2.70	13.3	2.60	12.2	2.51	9.4	2.22
	2.8	2.0	17.2	2.55	16.7	2.48	15.6	2.44	15.0	2.43	13.3	2.36	12.2	2.29	9.4	2.04
	6.0	5.0	17.2	2.55	16.7	2.48	15.6	2.34	15.0	2.27	13.3	2.05	12.2	1.98	9.4	1.80
	7.0	6.0	17.2	2.55	16.7	2.48	15.6	2.34	15.0	2.27	13.3	2.05	12.2	1.91	9.4	1.73
	8.6	7.5	17.2	2.55	16.7	2.48	15.6	2.34	15.0	2.27	13.3	2.05	12.2	1.91	9.4	1.62
	11.2	10.0	17.2	2.55	16.7	2.48	15.6	2.34	15.0	2.27	13.3	2.05	12.2	1.91	9.4	1.56
	16.4	15.0	17.2	2.55	16.7	2.48	15.6	2.34	15.0	2.27	13.3	2.05	12.2	1.91	9.4	1.56
	24.0	18.0	17.2	2.55	16.7	2.48	15.6	2.34	15.0	2.27	13.3	2.05	12.2	1.91	9.4	1.56

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-24.9	-25.0	12.9	4.77	12.5	4.69	11.7	4.53	11.3	4.44	10.0	4.16	9.2	3.96	7.1	3.38
	-19.8	-20.0	12.9	4.28	12.5	4.20	11.7	4.02	11.3	3.94	10.0	3.67	9.2	3.47	7.1	2.94
	-14.7	-15.0	12.9	3.67	12.5	3.63	11.7	3.54	11.3	3.49	10.0	3.30	9.2	3.14	7.1	2.64
	-9.6	-10.0	12.9	3.09	12.5	3.07	11.7	3.01	11.3	2.97	10.0	2.83	9.2	2.72	7.1	2.36
	-4.4	-5.0	12.9	2.49	12.5	2.48	11.7	2.45	11.3	2.43	10.0	2.34	9.2	2.27	7.1	2.01
	-1.8	-2.5	12.9	2.20	12.5	2.19	11.7	2.18	11.3	2.17	10.0	2.11	9.2	2.05	7.1	1.84
	0.8	0.0	12.9	2.00	12.5	1.95	11.7	1.92	11.3	1.92	10.0	1.89	9.2	1.84	7.1	1.67
	2.8	2.0	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.71	9.2	1.69	7.1	1.55
	6.0	5.0	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.63	9.2	1.52	7.1	1.37
	7.0	6.0	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.63	9.2	1.52	7.1	1.32
	8.6	7.5	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.63	9.2	1.52	7.1	1.26
	11.2	10.0	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.63	9.2	1.52	7.1	1.26
	16.4	15.0	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.63	9.2	1.52	7.1	1.26
	24.0	18.0	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.63	9.2	1.52	7.1	1.26

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

1-7. U-14ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-10.0	34.7	4.62	41.6	5.54	43.0	5.74	43.0	5.74	48.7	6.50	54.5	7.27	60.2	8.03
	-5.0	34.7	4.62	41.6	5.55	43.0	5.74	43.0	5.74	48.7	6.51	54.5	7.27	60.2	8.04
	0.0	34.7	4.63	41.6	5.55	43.0	5.75	43.0	5.75	48.7	6.51	54.5	7.28	60.2	8.04
	5.0	34.7	4.63	41.6	5.56	43.0	5.76	43.0	5.76	48.7	6.53	54.5	7.30	60.2	8.07
	10.0	34.7	4.64	41.6	5.57	43.0	5.79	43.0	5.79	48.7	6.58	54.5	7.37	60.2	8.14
	15.0	34.7	4.66	41.6	5.62	43.0	5.88	43.0	5.88	48.7	6.71	54.5	7.52	60.2	8.30
	20.0	34.7	4.78	41.6	5.81	43.0	6.17	43.0	6.17	48.7	7.06	54.5	8.26	60.2	9.61
	25.0	34.7	5.40	41.6	6.75	43.0	7.57	43.0	7.57	48.7	8.97	54.5	10.49	60.2	12.13
	30.0	34.7	6.80	41.6	8.46	43.0	9.39	43.0	9.39	48.7	11.08	54.5	12.89	59.5	14.42
	35.0	34.7	8.30	41.6	10.30	43.0	11.35	43.0	11.35	48.7	13.34	52.7	14.42	54.9	14.42
	40.0	34.7	9.91	41.6	12.27	43.0	13.46	43.0	13.46	46.5	14.42	48.6	14.42	50.7	14.42
	43.0	34.7	10.94	41.6	13.54	42.3	14.42	42.3	14.42	44.3	14.42	46.1	14.15	47.3	13.52
	46.0	34.3	10.99	34.5	10.99	34.5	10.99	34.5	10.99	35.7	10.58	37.1	10.26	38.8	10.03
	52.0	14.4	4.28	15.3	4.28	15.3	4.28	15.3	4.28	17.0	4.43	18.9	4.59	20.9	4.76

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-10.0	32.0	4.27	38.4	5.12	42.0	5.60	42.0	5.60	47.6	6.35	53.2	7.10	58.8	7.85
	-5.0	32.0	4.27	38.4	5.12	42.0	5.61	42.0	5.61	47.6	6.36	53.2	7.11	58.8	7.85
	0.0	32.0	4.27	38.4	5.13	42.0	5.62	42.0	5.62	47.6	6.36	53.2	7.11	58.8	7.86
	5.0	32.0	4.28	38.4	5.14	42.0	5.62	42.0	5.62	47.6	6.38	53.2	7.13	58.8	7.88
	10.0	32.0	4.29	38.4	5.14	42.0	5.65	42.0	5.65	47.6	6.42	53.2	7.19	58.8	7.95
	15.0	32.0	4.31	38.4	5.19	42.0	5.74	42.0	5.74	47.6	6.54	53.2	7.34	58.8	8.11
	20.0	32.0	4.42	38.4	5.36	42.0	6.01	42.0	6.01	47.6	6.88	53.2	7.95	58.8	9.24
	25.0	32.0	4.99	38.4	6.21	42.0	7.32	42.0	7.32	47.6	8.67	53.2	10.12	58.8	11.69
	30.0	32.0	6.27	38.4	7.79	42.0	9.09	42.0	9.09	47.6	10.71	53.2	12.45	58.8	14.31
	35.0	32.0	7.65	38.4	9.48	42.0	10.99	42.0	10.99	47.6	12.91	52.3	14.42	54.5	14.42
	40.0	32.0	9.14	38.4	11.30	42.0	13.05	42.0	13.05	46.2	14.42	48.2	14.42	50.3	14.42
	43.0	32.0	10.08	38.4	12.46	42.0	14.37	42.0	14.37	43.9	14.42	45.8	14.24	47.0	13.56
	46.0	31.7	10.97	34.3	11.03	34.3	11.03	34.3	11.03	35.4	10.58	36.8	10.24	38.3	9.98
	52.0	13.5	4.21	14.8	4.21	15.0	4.21	15.0	4.21	16.6	4.34	18.4	4.49	20.3	4.65

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-10.0	29.3	3.91	35.2	4.69	41.0	5.47	41.0	5.47	46.5	6.20	51.9	6.93	57.4	7.66
	-5.0	29.3	3.92	35.2	4.70	41.0	5.48	41.0	5.48	46.5	6.21	51.9	6.94	57.4	7.67
	0.0	29.3	3.92	35.2	4.70	41.0	5.48	41.0	5.48	46.5	6.21	51.9	6.94	57.4	7.67
	5.0	29.3	3.93	35.2	4.71	41.0	5.49	41.0	5.49	46.5	6.22	51.9	6.96	57.4	7.70
	10.0	29.3	3.93	35.2	4.72	41.0	5.51	41.0	5.51	46.5	6.26	51.9	7.02	57.4	7.76
	15.0	29.3	3.95	35.2	4.76	41.0	5.59	41.0	5.59	46.5	6.38	51.9	7.17	57.4	7.92
	20.0	29.3	4.05	35.2	4.92	41.0	5.85	41.0	5.85	46.5	6.70	51.9	7.65	57.4	8.88
	25.0	29.3	4.59	35.2	5.69	41.0	7.08	41.0	7.08	46.5	8.37	51.9	9.76	57.4	11.25
	30.0	29.3	5.76	35.2	7.13	41.0	8.80	41.0	8.80	46.5	10.35	51.9	12.01	57.4	13.79
	35.0	29.3	7.02	35.2	8.67	41.0	10.64	41.0	10.64	46.5	12.49	51.8	14.39	54.0	14.42
	40.0	29.3	8.38	35.2	10.33	41.0	12.65	41.0	12.65	45.8	14.42	47.8	14.42	49.9	14.42
	43.0	29.3	9.24	35.2	11.39	41.0	13.92	41.0	13.92	43.6	14.42	45.6	14.34	46.6	13.63
	46.0	29.0	10.05	34.2	11.08	34.2	11.08	34.2	11.08	35.2	10.60	36.4	10.22	37.9	9.94
	52.0	12.5	4.14	13.7	4.14	14.7	4.14	14.7	4.14	16.2	4.26	17.9	4.39	19.8	4.54

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-10.0	26.7	3.56	32.0	4.27	37.3	4.98	40.0	5.34	45.3	6.05	50.7	6.76	56.0	7.47
	-5.0	26.7	3.56	32.0	4.27	37.3	4.99	40.0	5.34	45.3	6.06	50.7	6.77	56.0	7.48
	0.0	26.7	3.57	32.0	4.28	37.3	4.99	40.0	5.35	45.3	6.06	50.7	6.77	56.0	7.49
	5.0	26.7	3.57	32.0	4.29	37.3	5.00	40.0	5.35	45.3	6.07	50.7	6.79	56.0	7.51
	10.0	26.7	3.58	32.0	4.29	37.3	5.01	40.0	5.37	45.3	6.11	50.7	6.85	56.0	7.57
	15.0	26.7	3.59	32.0	4.33	37.3	5.07	40.0	5.45	45.3	6.21	50.7	6.98	56.0	7.73
	20.0	26.7	3.69	32.0	4.48	37.3	5.29	40.0	5.70	45.3	6.52	50.7	7.36	56.0	8.53
	25.0	26.7	4.19	32.0	5.18	37.3	6.26	40.0	6.84	45.3	8.07	50.7	9.40	56.0	10.83
	30.0	26.7	5.26	32.0	6.48	37.3	7.81	40.0	8.51	45.3	10.00	50.7	11.59	56.0	13.29
	35.0	26.7	6.40	32.0	7.88	37.3	9.47	40.0	10.30	45.3	12.07	50.7	13.95	53.5	14.42
	40.0	26.7	7.63	32.0	9.38	37.3	11.26	40.0	12.24	45.3	14.31	47.4	14.42	49.5	14.42
	43.0	26.7	8.41	32.0	10.34	37.3	12.40	40.0	13.49	43.3	14.42	45.3	14.42	46.3	13.71
	46.0	26.4	9.14	31.7	11.25	33.7	11.44	34.0	11.13	34.9	10.62	36.1	10.22	37.5	9.90
	52.0	11.5	3.91	12.5	3.95	13.7	4.03	14.4	4.07	15.9	4.18	17.5	4.30	19.3	4.43

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-14ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-10.0	24.0	3.20	28.8	3.84	33.6	4.48	36.0	4.80	40.8	5.45	45.6	6.09	50.4	6.73
	-5.0	24.0	3.21	28.8	3.85	33.6	4.49	36.0	4.81	40.8	5.45	45.6	6.09	50.4	6.73
	0.0	24.0	3.21	28.8	3.85	33.6	4.49	36.0	4.81	40.8	5.46	45.6	6.10	50.4	6.74
	5.0	24.0	3.21	28.8	3.86	33.6	4.50	36.0	4.82	40.8	5.46	45.6	6.11	50.4	6.75
	10.0	24.0	3.22	28.8	3.87	33.6	4.51	36.0	4.83	40.8	5.48	45.6	6.14	50.4	6.81
	15.0	24.0	3.23	28.8	3.88	33.6	4.55	36.0	4.88	40.8	5.56	45.6	6.25	50.4	6.94
	20.0	24.0	3.30	28.8	4.00	33.6	4.71	36.0	5.07	40.8	5.80	45.6	6.54	50.4	7.27
	25.0	24.0	3.72	28.8	4.54	33.6	5.45	36.0	5.93	40.8	6.95	45.6	8.04	50.4	9.22
	30.0	24.0	4.65	28.8	5.70	33.6	6.82	36.0	7.41	40.8	8.65	45.6	9.97	50.4	11.38
	35.0	24.0	5.67	28.8	6.93	33.6	8.28	36.0	8.98	40.8	10.47	45.6	12.05	50.4	13.71
	40.0	24.0	6.76	28.8	8.27	33.6	9.86	36.0	10.70	40.8	12.44	45.6	14.29	47.7	14.42
	43.0	24.0	7.46	28.8	9.11	33.6	10.87	36.0	11.79	40.8	13.71	43.6	14.42	45.3	14.23
	46.0	23.8	8.11	28.5	9.91	33.3	11.83	33.5	11.48	34.1	10.83	34.9	10.30	35.9	9.87
	52.0	11.0	3.81	11.8	3.80	12.8	3.82	13.3	3.83	14.5	3.88	15.8	3.95	17.2	4.02

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-10.0	21.3	2.85	25.6	3.42	29.9	3.99	32.0	4.27	36.3	4.84	40.5	5.41	44.8	5.98
	-5.0	21.3	2.85	25.6	3.42	29.9	3.99	32.0	4.27	36.3	4.85	40.5	5.42	44.8	5.99
	0.0	21.3	2.85	25.6	3.42	29.9	3.99	32.0	4.28	36.3	4.85	40.5	5.42	44.8	5.99
	5.0	21.3	2.86	25.6	3.43	29.9	4.00	32.0	4.29	36.3	4.86	40.5	5.43	44.8	6.00
	10.0	21.3	2.86	25.6	3.44	29.9	4.01	32.0	4.29	36.3	4.87	40.5	5.45	44.8	6.03
	15.0	21.3	2.88	25.6	3.45	29.9	4.03	32.0	4.32	36.3	4.92	40.5	5.52	44.8	6.12
	20.0	21.3	2.91	25.6	3.52	29.9	4.15	32.0	4.46	36.3	5.10	40.5	5.74	44.8	6.39
	25.0	21.3	3.23	25.6	3.96	29.9	4.69	32.0	5.09	36.3	5.91	40.5	6.80	44.8	7.75
	30.0	21.3	4.08	25.6	4.96	29.9	5.89	32.0	6.37	36.3	7.40	40.5	8.48	44.8	9.62
	35.0	21.3	4.98	25.6	6.04	29.9	7.17	32.0	7.74	36.3	8.98	40.5	10.28	44.8	11.64
	40.0	21.3	5.94	25.6	7.21	29.9	8.55	32.0	9.25	36.3	10.70	40.5	12.22	44.8	13.82
	43.0	21.3	6.54	25.6	7.95	29.9	9.43	32.0	10.19	36.3	11.79	40.5	13.46	43.6	14.42
	46.0	21.1	7.12	25.3	8.64	29.6	10.25	31.7	11.09	33.5	11.28	34.0	10.61	34.7	10.04
	52.0	10.6	3.75	11.2	3.68	11.9	3.65	12.3	3.64	13.3	3.64	14.3	3.65	15.4	3.67

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-10.0	18.7	2.49	22.4	2.99	26.1	3.49	28.0	3.74	31.7	4.24	35.5	4.74	39.2	5.23
	-5.0	18.7	2.49	22.4	2.99	26.1	3.49	28.0	3.74	31.7	4.24	35.5	4.74	39.2	5.24
	0.0	18.7	2.50	22.4	3.00	26.1	3.50	28.0	3.75	31.7	4.24	35.5	4.74	39.2	5.24
	5.0	18.7	2.50	22.4	3.00	26.1	3.50	28.0	3.75	31.7	4.25	35.5	4.75	39.2	5.25
	10.0	18.7	2.51	22.4	3.01	26.1	3.51	28.0	3.76	31.7	4.26	35.5	4.76	39.2	5.26
	15.0	18.7	2.52	22.4	3.02	26.1	3.52	28.0	3.77	31.7	4.28	35.5	4.80	39.2	5.32
	20.0	18.7	2.54	22.4	3.06	26.1	3.59	28.0	3.86	31.7	4.41	35.5	4.96	39.2	5.52
	25.0	18.7	2.76	22.4	3.38	26.1	4.01	28.0	4.31	31.7	4.97	35.5	5.67	39.2	6.41
	30.0	18.7	3.55	22.4	4.26	26.1	5.02	28.0	5.41	31.7	6.24	35.5	7.10	39.2	8.02
	35.0	18.7	4.32	22.4	5.20	26.1	6.12	28.0	6.59	31.7	7.60	35.5	8.64	39.2	9.73
	40.0	18.7	5.15	22.4	6.20	26.1	7.31	28.0	7.88	31.7	9.06	35.5	10.30	39.2	11.58
	43.0	18.7	5.67	22.4	6.84	26.1	8.06	28.0	8.69	31.7	10.00	35.5	11.35	39.2	12.77
	46.0	18.5	6.17	22.2	7.44	25.9	8.77	27.7	9.46	31.4	10.88	33.4	11.24	33.8	10.52
	52.0	10.3	3.73	10.7	3.62	11.2	3.53	11.5	3.49	12.2	3.44	13.0	3.41	13.8	3.38

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-10.0	16.0	2.14	19.2	2.56	22.4	2.99	24.0	3.20	27.2	3.63	30.4	4.06	33.6	4.49
	-5.0	16.0	2.14	19.2	2.57	22.4	2.99	24.0	3.21	27.2	3.64	30.4	4.06	33.6	4.49
	0.0	16.0	2.14	19.2	2.57	22.4	3.00	24.0	3.21	27.2	3.64	30.4	4.07	33.6	4.50
	5.0	16.0	2.14	19.2	2.57	22.4	3.00	24.0	3.22	27.2	3.64	30.4	4.07	33.6	4.50
	10.0	16.0	2.15	19.2	2.58	22.4	3.01	24.0	3.22	27.2	3.65	30.4	4.08	33.6	4.51
	15.0	16.0	2.16	19.2	2.59	22.4	3.02	24.0	3.23	27.2	3.66	30.4	4.10	33.6	4.54
	20.0	16.0	2.17	19.2	2.61	22.4	3.05	24.0	3.28	27.2	3.74	30.4	4.20	33.6	4.67
	25.0	16.0	2.31	19.2	2.82	22.4	3.35	24.0	3.60	27.2	4.13	30.4	4.65	33.6	5.22
	30.0	16.0	3.04	19.2	3.61	22.4	4.21	24.0	4.53	27.2	5.17	30.4	5.85	33.6	6.55
	35.0	16.0	3.69	19.2	4.40	22.4	5.14	24.0	5.51	27.2	6.31	30.4	7.13	33.6	7.99
	40.0	16.0	4.39	19.2	5.25	22.4	6.14	24.0	6.60	27.2	7.54	30.4	8.52	33.6	9.53
	43.0	16.0	4.84	19.2	5.79	22.4	6.78	24.0	7.28	27.2	8.32	30.4	9.40	33.6	10.52
	46.0	15.8	5.26	19.0	6.29	22.2	7.37	23.8	7.92	26.9	9.06	30.1	10.23	33.3	11.45
	52.0	10.0	3.77	10.3	3.61	10.6	3.47	10.8	3.41	11.3	3.31	11.9	3.23	12.5	3.16

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-14ME2E8 (Cooling) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-10.0	13.3	1.78	16.0	2.14	18.7	2.49	20.0	2.67	22.7	3.03	25.3	3.38	28.0	3.74
	-5.0	13.3	1.78	16.0	2.14	18.7	2.50	20.0	2.67	22.7	3.03	25.3	3.39	28.0	3.74
	0.0	13.3	1.79	16.0	2.14	18.7	2.50	20.0	2.68	22.7	3.03	25.3	3.39	28.0	3.75
	5.0	13.3	1.79	16.0	2.15	18.7	2.50	20.0	2.68	22.7	3.04	25.3	3.40	28.0	3.75
	10.0	13.3	1.79	16.0	2.15	18.7	2.51	20.0	2.69	22.7	3.04	25.3	3.40	28.0	3.76
	15.0	13.3	1.80	16.0	2.16	18.7	2.52	20.0	2.70	22.7	3.05	25.3	3.41	28.0	3.77
	20.0	13.3	1.81	16.0	2.17	18.7	2.53	20.0	2.71	22.7	3.09	25.3	3.46	28.0	3.84
	25.0	13.3	1.88	16.0	2.29	18.7	2.71	20.0	2.91	22.7	3.34	25.3	3.77	28.0	4.20
	30.0	13.3	2.56	16.0	3.01	18.7	3.47	20.0	3.71	22.7	4.20	25.3	4.71	28.0	5.23
	35.0	13.3	3.10	16.0	3.66	18.7	4.23	20.0	4.51	22.7	5.13	25.3	5.75	28.0	6.40
	40.0	13.3	3.68	16.0	4.35	18.7	5.05	20.0	5.40	22.7	6.13	25.3	6.88	28.0	7.65
	43.0	13.3	4.04	16.0	4.79	18.7	5.57	20.0	5.96	22.7	6.77	25.3	7.60	28.0	8.45
	46.0	13.2	4.39	15.8	5.21	18.5	6.05	19.8	6.49	22.4	7.37	25.1	8.27	27.7	9.20
	52.0	9.9	3.90	10.0	3.68	10.2	3.49	10.3	3.41	10.6	3.27	11.0	3.14	11.4	3.03

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-10.0	10.7	1.43	12.8	1.71	14.9	2.00	16.0	2.14	18.1	2.42	20.3	2.71	22.4	2.99
	-5.0	10.7	1.43	12.8	1.71	14.9	2.00	16.0	2.14	18.1	2.43	20.3	2.71	22.4	3.00
	0.0	10.7	1.43	12.8	1.71	14.9	2.00	16.0	2.14	18.1	2.43	20.3	2.71	22.4	3.00
	5.0	10.7	1.43	12.8	1.72	14.9	2.00	16.0	2.15	18.1	2.43	20.3	2.72	22.4	3.00
	10.0	10.7	1.43	12.8	1.72	14.9	2.01	16.0	2.15	18.1	2.44	20.3	2.72	22.4	3.01
	15.0	10.7	1.44	12.8	1.73	14.9	2.01	16.0	2.16	18.1	2.45	20.3	2.73	22.4	3.02
	20.0	10.7	1.45	12.8	1.74	14.9	2.03	16.0	2.17	18.1	2.46	20.3	2.75	22.4	3.04
	25.0	10.7	1.48	12.8	1.79	14.9	2.10	16.0	2.26	18.1	2.59	20.3	2.92	22.4	3.25
	30.0	10.7	2.12	12.8	2.45	14.9	2.78	16.0	2.96	18.1	3.31	20.3	3.68	22.4	4.05
	35.0	10.7	2.54	12.8	2.96	14.9	3.38	16.0	3.59	18.1	4.04	20.3	4.50	22.4	4.96
	40.0	10.7	2.99	12.8	3.50	14.9	4.02	16.0	4.29	18.1	4.83	20.3	5.37	22.4	5.93
	43.0	10.7	3.28	12.8	3.85	14.9	4.43	16.0	4.73	18.1	5.32	20.3	5.93	22.4	6.55
	46.0	10.6	3.56	12.7	4.18	14.8	4.82	15.8	5.14	18.0	5.79	20.1	6.46	22.2	7.14
	52.0	8.6	3.55	9.8	3.89	9.9	3.65	10.0	3.54	10.1	3.35	10.3	3.17	10.5	3.02

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-10.0	8.0	1.07	9.6	1.28	11.2	1.50	12.0	1.60	13.6	1.82	15.2	2.03	16.8	2.25
	-5.0	8.0	1.07	9.6	1.29	11.2	1.50	12.0	1.61	13.6	1.82	15.2	2.03	16.8	2.25
	0.0	8.0	1.07	9.6	1.29	11.2	1.50	12.0	1.61	13.6	1.82	15.2	2.04	16.8	2.25
	5.0	8.0	1.07	9.6	1.29	11.2	1.50	12.0	1.61	13.6	1.82	15.2	2.04	16.8	2.25
	10.0	8.0	1.08	9.6	1.29	11.2	1.51	12.0	1.61	13.6	1.83	15.2	2.04	16.8	2.26
	15.0	8.0	1.08	9.6	1.30	11.2	1.51	12.0	1.62	13.6	1.84	15.2	2.05	16.8	2.27
	20.0	8.0	1.09	9.6	1.31	11.2	1.52	12.0	1.63	13.6	1.85	15.2	2.06	16.8	2.28
	25.0	8.0	1.11	9.6	1.32	11.2	1.55	12.0	1.66	13.6	1.89	15.2	2.12	16.8	2.35
	30.0	8.0	1.70	9.6	1.93	11.2	2.16	12.0	2.28	13.6	2.51	15.2	2.76	16.8	3.00
	35.0	8.0	2.01	9.6	2.30	11.2	2.60	12.0	2.74	13.6	3.05	15.2	3.36	16.8	3.67
	40.0	8.0	2.35	9.6	2.71	11.2	3.07	12.0	3.25	13.6	3.62	15.2	4.00	16.8	4.38
	43.0	8.0	2.56	9.6	2.96	11.2	3.37	12.0	3.58	13.6	3.99	15.2	4.41	16.8	4.83
	46.0	7.9	2.76	9.5	3.21	11.1	3.65	11.9	3.88	13.5	4.33	15.0	4.79	16.6	5.26
	52.0	6.5	2.76	7.8	3.20	9.1	3.65	9.7	3.87	9.9	3.67	9.9	3.44	10.0	3.23

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

1-8. U-14ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-24.9	-25.0	22.5	9.98	21.9	9.84	20.7	9.52	20.1	9.36	18.2	8.80	16.9	8.37	13.5	7.12
	-19.8	-20.0	26.2	10.34	25.5	10.18	24.1	9.82	23.4	9.64	21.3	9.01	19.8	8.56	15.8	7.23
	-14.7	-15.0	30.4	10.85	29.6	10.67	28.0	10.27	27.2	10.06	24.8	9.37	23.0	8.87	18.5	7.44
	-9.6	-10.0	35.2	11.61	34.3	11.39	32.6	10.94	31.7	10.70	28.9	9.94	26.9	9.39	21.7	7.83
	-4.4	-5.0	40.9	12.62	40.0	12.39	37.9	11.89	36.9	11.61	33.6	10.72	31.4	10.07	25.3	8.31
	-1.8	-2.5	44.1	12.97	43.0	12.74	40.8	12.22	39.7	11.95	36.2	11.05	33.8	10.40	27.3	8.58
	0.8	0.0	47.4	13.25	46.3	13.00	43.9	12.45	42.7	12.16	38.9	11.23	36.3	10.56	29.4	8.70
	2.8	2.0	50.2	13.45	49.0	13.18	46.5	12.62	45.3	12.33	41.3	11.38	38.6	10.70	30.5	8.46
	6.0	5.0	54.9	13.80	53.7	13.56	50.2	12.60	48.4	12.10	43.0	10.66	39.4	9.73	30.5	7.49
	7.0	6.0	55.5	13.45	53.8	12.96	50.2	12.01	48.4	11.55	43.0	10.18	39.4	9.30	30.5	7.18
	8.6	7.5	55.5	12.46	53.8	12.02	50.2	11.15	48.4	10.73	43.0	9.48	39.4	8.67	30.5	6.72
	11.2	10.0	55.5	10.90	53.8	10.53	50.2	9.79	48.4	9.43	43.0	8.37	39.4	7.68	30.5	6.00
	16.4	15.0	55.5	8.11	53.8	7.87	50.2	7.37	48.4	7.13	43.0	6.40	39.4	5.92	30.5	4.73
	24.0	18.0	55.5	7.46	53.8	7.24	50.2	6.79	48.4	6.57	43.0	5.90	39.4	5.45	30.5	4.34

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-24.9	-25.0	22.4	9.87	21.8	9.73	20.6	9.43	20.0	9.26	18.1	8.71	16.8	8.29	13.4	7.05
	-19.8	-20.0	26.1	10.24	25.5	10.08	24.1	9.73	23.4	9.54	21.2	8.93	19.7	8.47	15.8	7.16
	-14.7	-15.0	30.3	10.76	29.5	10.57	28.0	10.18	27.2	9.97	24.7	9.29	23.0	8.79	18.5	7.38
	-9.6	-10.0	35.2	11.51	34.3	11.30	32.5	10.85	31.6	10.62	28.8	9.86	26.8	9.31	21.6	7.76
	-4.4	-5.0	40.9	12.50	39.9	12.27	37.9	11.79	36.8	11.52	33.5	10.65	31.3	10.01	25.2	8.22
	-1.8	-2.5	44.1	12.83	43.0	12.59	40.8	12.09	39.6	11.82	36.1	10.94	33.7	10.29	27.2	8.49
	0.8	0.0	47.4	13.09	46.2	12.84	43.8	12.30	42.6	12.02	38.8	11.11	36.2	10.44	29.3	8.61
	2.8	2.0	50.2	13.28	48.9	13.02	46.5	12.47	45.2	12.18	41.3	11.26	38.5	10.58	29.8	8.14
	6.0	5.0	54.3	13.35	52.5	12.88	49.0	11.95	47.3	11.50	42.0	10.17	38.5	9.30	29.8	7.21
	7.0	6.0	54.3	12.71	52.5	12.26	49.0	11.39	47.3	10.97	42.0	9.71	38.5	8.89	29.8	6.91
	8.6	7.5	54.3	11.77	52.5	11.36	49.0	10.57	47.3	10.18	42.0	9.04	38.5	8.29	29.8	6.47
	11.2	10.0	54.3	10.28	52.5	9.94	49.0	9.28	47.3	8.95	42.0	7.98	38.5	7.34	29.8	5.77
	16.4	15.0	54.3	7.63	52.5	7.40	49.0	6.96	47.3	6.74	42.0	6.09	38.5	5.65	29.8	4.54
	24.0	18.0	54.3	7.30	52.5	7.08	49.0	6.65	47.3	6.43	42.0	5.77	38.5	5.34	29.8	4.25

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-24.9	-25.0	22.3	9.77	21.7	9.64	20.5	9.33	19.9	9.17	18.0	8.62	16.7	8.21	13.3	6.99
	-19.8	-20.0	26.1	10.14	25.4	9.98	24.0	9.63	23.3	9.45	21.1	8.84	19.6	8.39	15.7	7.09
	-14.7	-15.0	30.2	10.67	29.5	10.48	27.9	10.09	27.1	9.88	24.6	9.20	22.9	8.71	18.4	7.31
	-9.6	-10.0	35.1	11.43	34.3	11.22	32.5	10.77	31.5	10.54	28.7	9.78	26.7	9.23	21.6	7.70
	-4.4	-5.0	40.9	12.38	39.9	12.16	37.8	11.68	36.8	11.42	33.5	10.57	31.2	9.94	25.1	8.18
	-1.8	-2.5	44.0	12.68	42.9	12.45	40.7	11.96	39.6	11.69	36.0	10.82	33.6	10.19	27.1	8.41
	0.8	0.0	47.3	12.94	46.2	12.69	43.8	12.16	42.5	11.88	38.8	10.98	36.1	10.33	29.0	8.45
	2.8	2.0	50.1	13.12	48.9	12.87	46.4	12.33	45.1	12.04	41.0	11.06	37.6	10.11	29.0	7.83
	6.0	5.0	53.0	12.61	51.3	12.18	47.8	11.34	46.1	10.92	41.0	9.69	37.6	8.89	29.0	6.93
	7.0	6.0	53.0	12.00	51.3	11.59	47.8	10.80	46.1	10.41	41.0	9.25	37.6	8.49	29.0	6.64
	8.6	7.5	53.0	11.10	51.3	10.74	47.8	10.02	46.1	9.66	41.0	8.61	37.6	7.92	29.0	6.22
	11.2	10.0	53.0	9.69	51.3	9.38	47.8	8.78	46.1	8.48	41.0	7.59	37.6	7.01	29.0	5.55
	16.4	15.0	53.0	7.16	51.3	6.97	47.8	6.57	46.1	6.38	41.0	5.78	37.6	5.39	29.0	4.37
	24.0	18.0	53.0	7.14	51.3	6.93	47.8	6.50	46.1	6.29	41.0	5.65	37.6	5.23	29.0	4.16

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-24.9	-25.0	22.3	9.67	21.7	9.54	20.5	9.24	19.8	9.08	18.0	8.54	16.7	8.13	13.3	6.92
	-19.8	-20.0	26.0	10.05	25.3	9.89	23.9	9.54	23.2	9.36	21.0	8.76	19.5	8.31	15.6	7.02
	-14.7	-15.0	30.2	10.57	29.4	10.39	27.8	10.00	27.0	9.79	24.5	9.12	22.8	8.63	18.3	7.25
	-9.6	-10.0	35.1	11.34	34.2	11.13	32.4	10.69	31.5	10.46	28.6	9.71	26.7	9.16	21.5	7.63
	-4.4	-5.0	40.8	12.25	39.8	12.04	37.8	11.57	36.7	11.32	33.4	10.49	31.1	9.87	25.0	8.13
	-1.8	-2.5	44.0	12.54	42.9	12.31	40.7	11.82	39.5	11.56	35.9	10.70	33.5	10.08	27.0	8.33
	0.8	0.0	47.3	12.78	46.1	12.54	43.7	12.02	42.5	11.74	38.7	10.86	36.0	10.21	28.3	8.13
	2.8	2.0	50.1	12.97	48.9	12.72	46.4	12.19	45.0	11.88	40.0	10.54	36.7	9.67	28.3	7.53
	6.0	5.0	51.7	11.90	50.0	11.51	46.7	10.74	45.0	10.36	40.0	9.23	36.7	8.48	28.3	6.65
	7.0	6.0	51.7	11.32	50.0	10.95	46.7	10.23	45.0	9.86	40.0	8.80	36.7	8.10	28.3	6.37
	8.6	7.5	51.7	10.45	50.0	10.12	46.7	9.47	45.0	9.14	40.0	8.18	36.7	7.54	28.3	5.97
	11.2	10.0	51.7	9.10	50.0	8.83	46.7	8.29	45.0	8.02	40.0	7.22	36.7	6.69	28.3	5.34
	16.4	15.0	51.7	6.98	50.0	6.77	46.7	6.36	45.0	6.15	40.0	5.53	36.7	5.12	28.3	4.14
	24.0	18.0	51.7	6.98	50.0	6.77	46.7	6.36	45.0	6.15	40.0	5.53	36.7	5.11	28.3	4.08

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-14ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-24.9	-25.0	22.0	9.32	21.4	9.19	20.2	8.90	19.6	8.75	17.7	8.23	16.4	7.84	13.0	6.68
	-19.8	-20.0	25.8	9.70	25.1	9.55	23.7	9.21	23.0	9.04	20.8	8.45	19.3	8.02	15.3	6.79
	-14.7	-15.0	30.0	10.25	29.2	10.07	27.6	9.69	26.8	9.49	24.3	8.84	22.5	8.36	18.0	7.02
	-9.6	-10.0	35.0	11.09	34.1	10.87	32.2	10.35	31.3	10.17	28.4	9.43	26.4	8.90	21.2	7.41
	-4.4	-5.0	40.8	11.77	39.7	11.57	37.6	11.13	36.5	10.90	33.1	10.12	30.8	9.54	24.7	7.90
	-1.8	-2.5	43.9	12.01	42.8	11.79	40.5	11.33	39.3	11.08	35.7	10.27	33.0	9.61	25.5	7.59
	0.8	0.0	46.5	11.91	45.0	11.56	42.0	10.85	40.5	10.50	36.0	9.43	33.0	8.72	25.5	6.93
	2.8	2.0	46.5	10.87	45.0	10.56	42.0	9.94	40.5	9.62	36.0	8.67	33.0	8.04	25.5	6.46
	6.0	5.0	46.5	9.47	45.0	9.24	42.0	8.76	40.5	8.51	36.0	7.75	33.0	7.19	25.5	5.75
	7.0	6.0	46.5	9.23	45.0	8.97	42.0	8.45	40.5	8.19	36.0	7.40	33.0	6.87	25.5	5.51
	8.6	7.5	46.5	8.51	45.0	8.28	42.0	7.81	40.5	7.58	36.0	6.87	33.0	6.39	25.5	5.17
	11.2	10.0	46.5	7.37	45.0	7.19	42.0	6.82	40.5	6.63	36.0	6.05	33.0	5.66	25.5	4.62
	16.4	15.0	46.5	6.33	45.0	6.15	42.0	5.77	40.5	5.59	36.0	5.03	33.0	4.66	25.5	3.72
	24.0	18.0	46.5	6.33	45.0	6.15	42.0	5.77	40.5	5.59	36.0	5.03	33.0	4.66	25.5	3.72

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-24.9	-25.0	22.0	9.07	21.4	8.94	20.1	8.66	19.5	8.51	17.6	8.01	16.3	7.63	12.9	6.51
	-19.8	-20.0	25.8	9.47	25.1	9.31	23.6	8.98	22.9	8.81	20.7	8.24	19.1	7.82	15.2	6.62
	-14.7	-15.0	30.0	10.04	29.2	9.86	27.6	9.48	26.8	9.28	24.2	8.64	22.4	8.18	17.9	6.86
	-9.6	-10.0	35.1	10.87	34.2	10.68	32.3	10.26	31.3	10.02	28.4	9.25	26.3	8.72	21.0	7.25
	-4.4	-5.0	40.9	11.41	39.9	11.22	37.3	10.66	36.0	10.34	32.0	9.37	29.3	8.71	22.7	7.00
	-1.8	-2.5	41.3	10.46	40.0	10.20	37.3	9.65	36.0	9.38	32.0	8.53	29.3	7.94	22.7	6.44
	0.8	0.0	41.3	9.35	40.0	9.14	37.3	8.71	36.0	8.48	32.0	7.77	29.3	7.27	22.7	5.93
	2.8	2.0	41.3	8.65	40.0	8.46	37.3	8.07	36.0	7.87	32.0	7.23	29.3	6.77	22.7	5.54
	6.0	5.0	41.3	7.67	40.0	7.51	37.3	7.17	36.0	7.00	32.0	6.44	29.3	6.03	22.7	4.93
	7.0	6.0	41.3	7.41	40.0	7.24	37.3	6.88	36.0	6.70	32.0	6.14	29.3	5.75	22.7	4.72
	8.6	7.5	41.3	6.81	40.0	6.66	37.3	6.35	36.0	6.19	32.0	5.70	29.3	5.35	22.7	4.42
	11.2	10.0	41.3	5.86	40.0	5.75	37.3	5.51	36.0	5.39	32.0	5.00	29.3	4.72	22.7	3.96
	16.4	15.0	41.3	5.69	40.0	5.53	37.3	5.19	36.0	5.03	32.0	4.53	29.3	4.20	22.7	3.37
	24.0	18.0	41.3	5.69	40.0	5.53	37.3	5.19	36.0	5.03	32.0	4.53	29.3	4.20	22.7	3.37

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-24.9	-25.0	22.2	9.00	21.6	8.87	20.3	8.58	19.7	8.44	17.7	7.93	16.4	7.56	12.9	6.45
	-19.8	-20.0	26.1	9.42	25.4	9.26	23.9	8.93	23.1	8.75	20.8	8.18	19.3	7.76	15.3	6.57
	-14.7	-15.0	30.5	10.02	29.7	9.84	28.0	9.46	27.1	9.26	24.5	8.61	22.7	8.14	18.0	6.82
	-9.6	-10.0	35.7	10.81	34.8	10.63	32.7	10.19	31.5	9.90	28.0	8.99	25.7	8.34	19.8	6.72
	-4.4	-5.0	36.2	9.09	35.0	8.91	32.7	8.52	31.5	8.32	28.0	7.67	25.7	7.21	19.8	5.94
	-1.8	-2.5	36.2	8.31	35.0	8.15	32.7	7.81	31.5	7.63	28.0	7.05	25.7	6.63	19.8	5.48
	0.8	0.0	36.2	7.54	35.0	7.40	32.7	7.10	31.5	6.95	28.0	6.44	25.7	6.07	19.8	5.04
	2.8	2.0	36.2	6.95	35.0	6.83	32.7	6.57	31.5	6.42	28.0	5.97	25.7	5.63	19.8	4.70
	6.0	5.0	36.2	6.11	35.0	6.01	32.7	5.79	31.5	5.67	28.0	5.28	25.7	4.98	19.8	4.15
	7.0	6.0	36.2	5.83	35.0	5.73	32.7	5.51	31.5	5.40	28.0	5.02	25.7	4.75	19.8	4.00
	8.6	7.5	36.2	5.34	35.0	5.25	32.7	5.07	31.5	4.97	28.0	4.65	25.7	4.42	19.8	3.74
	11.2	10.0	36.2	5.05	35.0	4.90	32.7	4.61	31.5	4.47	28.0	4.07	25.7	3.89	19.8	3.34
	16.4	15.0	36.2	5.05	35.0	4.90	32.7	4.61	31.5	4.47	28.0	4.03	25.7	3.74	19.8	3.02
	24.0	18.0	36.2	5.05	35.0	4.90	32.7	4.61	31.5	4.47	28.0	4.03	25.7	3.74	19.8	3.02

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-24.9	-25.0	23.0	9.21	22.4	9.07	21.0	8.78	20.4	8.62	18.3	8.10	16.9	7.71	13.3	6.58
	-19.8	-20.0	27.1	9.66	26.3	9.49	24.8	9.15	24.0	8.96	21.6	8.37	19.9	7.94	15.7	6.70
	-14.7	-15.0	31.0	9.98	30.0	9.78	28.0	9.30	27.0	9.05	24.0	8.28	22.0	7.75	17.0	6.34
	-9.6	-10.0	31.0	8.64	30.0	8.48	28.0	8.14	27.0	7.96	24.0	7.38	22.0	6.95	17.0	5.70
	-4.4	-5.0	31.0	7.29	30.0	7.17	28.0	6.91	27.0	6.76	24.0	6.30	22.0	5.96	17.0	4.98
	-1.8	-2.5	31.0	6.63	30.0	6.52	28.0	6.30	27.0	6.17	24.0	5.77	22.0	5.47	17.0	4.60
	0.8	0.0	31.0	5.98	30.0	5.90	28.0	5.71	27.0	5.60	24.0	5.25	22.0	4.99	17.0	4.22
	2.8	2.0	31.0	5.49	30.0	5.42	28.0	5.26	27.0	5.17	24.0	4.86	22.0	4.62	17.0	3.93
	6.0	5.0	31.0	4.76	30.0	4.70	28.0	4.57	27.0	4.49	24.0	4.24	22.0	4.05	17.0	3.45
	7.0	6.0	31.0	4.49	30.0	4.44	28.0	4.32	27.0	4.26	24.0	4.03	22.0	3.86	17.0	3.33
	8.6	7.5	31.0	4.41	30.0	4.28	28.0	4.03	27.0	3.92	24.0	3.73	22.0	3.58	17.0	3.12
	11.2	10.0	31.0	4.41	30.0	4.28	28.0	4.03	27.0	3.91	24.0	3.54	22.0	3.29	17.0	2.79
	16.4	15.0	31.0	4.41	30.0	4.28	28.0	4.03	27.0	3.91	24.0	3.54	22.0	3.29	17.0	2.67
	24.0	18.0	31.0	4.41	30.0	4.28	28.0	4.03	27.0	3.91	24.0	3.54	22.0	3.29	17.0	2.67

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-14ME2E8 (Heating) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-24.9	-25.0	24.8	9.85	24.1	9.70	22.6	9.38	21.9	9.21	19.6	8.64	18.1	8.22	14.2	6.95
	-19.8	-20.0	25.8	8.93	25.0	8.75	23.3	8.33	22.5	8.13	20.0	7.52	18.3	7.09	14.2	5.91
	-14.7	-15.0	25.8	7.98	25.0	7.84	23.3	7.52	22.5	7.33	20.0	6.73	18.3	6.32	14.2	5.24
	-9.6	-10.0	25.8	6.83	25.0	6.72	23.3	6.50	22.5	6.37	20.0	5.96	18.3	5.65	14.2	4.75
	-4.4	-5.0	25.8	5.71	25.0	5.64	23.3	5.47	22.5	5.38	20.0	5.07	18.3	4.82	14.2	4.11
	-1.8	-2.5	25.8	5.17	25.0	5.11	23.3	4.97	22.5	4.90	20.0	4.63	18.3	4.42	14.2	3.79
	0.8	0.0	25.8	4.65	25.0	4.60	23.3	4.49	22.5	4.43	20.0	4.20	18.3	4.02	14.2	3.48
	2.8	2.0	25.8	4.25	25.0	4.21	23.3	4.12	22.5	4.06	20.0	3.86	18.3	3.70	14.2	3.21
	6.0	5.0	25.8	3.76	25.0	3.66	23.3	3.50	22.5	3.47	20.0	3.33	18.3	3.22	14.2	2.82
	7.0	6.0	25.8	3.76	25.0	3.66	23.3	3.45	22.5	3.35	20.0	3.17	18.3	3.07	14.2	2.73
	8.6	7.5	25.8	3.76	25.0	3.66	23.3	3.45	22.5	3.35	20.0	3.04	18.3	2.85	14.2	2.56
	11.2	10.0	25.8	3.76	25.0	3.66	23.3	3.45	22.5	3.35	20.0	3.04	18.3	2.83	14.2	2.31
	16.4	15.0	25.8	3.76	25.0	3.66	23.3	3.45	22.5	3.35	20.0	3.04	18.3	2.83	14.2	2.31
	24.0	18.0	25.8	3.76	25.0	3.66	23.3	3.45	22.5	3.35	20.0	3.04	18.3	2.83	14.2	2.31

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-24.9	-25.0	20.7	7.82	20.0	7.69	18.7	7.40	18.0	7.25	16.0	6.77	14.7	6.42	11.3	5.44
	-19.8	-20.0	20.7	6.94	20.0	6.81	18.7	6.53	18.0	6.39	16.0	5.93	14.7	5.61	11.3	4.72
	-14.7	-15.0	20.7	6.14	20.0	6.05	18.7	5.86	18.0	5.75	16.0	5.36	14.7	5.01	11.3	4.21
	-9.6	-10.0	20.7	5.22	20.0	5.16	18.7	5.02	18.0	4.94	16.0	4.67	14.7	4.45	11.3	3.81
	-4.4	-5.0	20.7	4.34	20.0	4.30	18.7	4.21	18.0	4.15	16.0	3.95	14.7	3.79	11.3	3.29
	-1.8	-2.5	20.7	3.92	20.0	3.89	18.7	3.81	18.0	3.77	16.0	3.61	14.7	3.47	11.3	3.03
	0.8	0.0	20.7	3.47	20.0	3.45	18.7	3.40	18.0	3.36	16.0	3.23	14.7	3.12	11.3	2.76
	2.8	2.0	20.7	3.12	20.0	3.10	18.7	3.07	18.0	3.04	16.0	2.95	14.7	2.86	11.3	2.56
	6.0	5.0	20.7	3.12	20.0	3.04	18.7	2.87	18.0	2.79	16.0	2.55	14.7	2.50	11.3	2.27
	7.0	6.0	20.7	3.12	20.0	3.04	18.7	2.87	18.0	2.79	16.0	2.54	14.7	2.38	11.3	2.18
	8.6	7.5	20.7	3.12	20.0	3.04	18.7	2.87	18.0	2.79	16.0	2.54	14.7	2.38	11.3	2.05
	11.2	10.0	20.7	3.12	20.0	3.04	18.7	2.87	18.0	2.79	16.0	2.54	14.7	2.38	11.3	1.96
	16.4	15.0	20.7	3.12	20.0	3.04	18.7	2.87	18.0	2.79	16.0	2.54	14.7	2.38	11.3	1.96
	24.0	18.0	20.7	3.12	20.0	3.04	18.7	2.87	18.0	2.79	16.0	2.54	14.7	2.38	11.3	1.96

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-24.9	-25.0	15.5	5.76	15.0	5.66	14.0	5.47	13.5	5.36	12.0	5.03	11.0	4.79	8.5	4.11
	-19.8	-20.0	15.5	5.18	15.0	5.08	14.0	4.87	13.5	4.77	12.0	4.45	11.0	4.22	8.5	3.60
	-14.7	-15.0	15.5	4.47	15.0	4.42	14.0	4.31	13.5	4.25	12.0	4.02	11.0	3.83	8.5	3.23
	-9.6	-10.0	15.5	3.79	15.0	3.76	14.0	3.69	13.5	3.64	12.0	3.48	11.0	3.34	8.5	2.92
	-4.4	-5.0	15.5	3.11	15.0	3.09	14.0	3.05	13.5	3.02	12.0	2.92	11.0	2.82	8.5	2.51
	-1.8	-2.5	15.5	2.76	15.0	2.76	14.0	2.73	13.5	2.72	12.0	2.64	11.0	2.57	8.5	2.30
	0.8	0.0	15.5	2.48	15.0	2.43	14.0	2.43	13.5	2.42	12.0	2.37	11.0	2.32	8.5	2.11
	2.8	2.0	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.17	11.0	2.13	8.5	1.96
	6.0	5.0	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.04	11.0	1.92	8.5	1.76
	7.0	6.0	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.04	11.0	1.92	8.5	1.69
	8.6	7.5	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.04	11.0	1.92	8.5	1.61
	11.2	10.0	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.04	11.0	1.92	8.5	1.61
	16.4	15.0	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.04	11.0	1.92	8.5	1.61
	24.0	18.0	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.04	11.0	1.92	8.5	1.61

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

1-9. U-16ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-10.0	39.0	5.78	46.8	6.93	48.4	7.17	48.4	7.17	54.8	8.13	61.3	9.09	67.7	10.04
	-5.0	39.0	5.78	46.8	6.94	48.4	7.18	48.4	7.18	54.8	8.14	61.3	9.09	67.7	10.05
	0.0	39.0	5.79	46.8	6.94	48.4	7.19	48.4	7.19	54.8	8.14	61.3	9.10	67.7	10.06
	5.0	39.0	5.79	46.8	6.95	48.4	7.19	48.4	7.19	54.8	8.16	61.3	9.13	67.7	10.09
	10.0	39.0	5.80	46.8	6.96	48.4	7.23	48.4	7.23	54.8	8.21	61.3	9.20	67.7	10.16
	15.0	39.0	5.82	46.8	7.01	48.4	7.34	48.4	7.34	54.8	8.36	61.3	9.37	67.7	10.34
	20.0	39.0	5.96	46.8	7.22	48.4	7.65	48.4	7.65	54.8	8.75	61.3	10.25	67.7	11.94
	25.0	39.0	6.67	46.8	8.36	48.4	9.39	48.4	9.39	54.8	11.14	61.3	13.04	67.7	15.09
	30.0	39.0	8.42	46.8	10.50	48.4	11.67	48.4	11.67	54.8	13.77	61.3	16.04	66.9	17.92
	35.0	39.0	10.29	46.8	12.79	48.4	14.11	48.4	14.11	54.8	16.61	59.2	17.92	61.7	17.92
	40.0	39.0	12.31	46.8	15.27	48.4	16.76	48.4	16.76	52.3	17.92	54.6	17.92	57.0	17.92
	43.0	39.0	13.60	46.8	16.85	47.6	17.92	47.6	17.92	49.7	17.92	51.8	17.61	53.2	16.82
	46.0	38.6	13.67	38.8	13.67	38.8	13.67	38.8	13.67	40.1	13.15	41.8	12.76	43.7	12.47
	52.0	16.2	5.27	17.2	5.27	17.2	5.27	17.2	5.27	19.1	5.45	21.2	5.66	23.5	5.87

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-10.0	36.0	5.33	43.2	6.40	47.3	7.01	47.3	7.01	53.6	7.94	59.9	8.88	66.2	9.81
	-5.0	36.0	5.34	43.2	6.41	47.3	7.01	47.3	7.01	53.6	7.95	59.9	8.88	66.2	9.82
	0.0	36.0	5.34	43.2	6.41	47.3	7.02	47.3	7.02	53.6	7.95	59.9	8.89	66.2	9.82
	5.0	36.0	5.35	43.2	6.42	47.3	7.03	47.3	7.03	53.6	7.97	59.9	8.91	66.2	9.85
	10.0	36.0	5.36	43.2	6.43	47.3	7.06	47.3	7.06	53.6	8.02	59.9	8.98	66.2	9.93
	15.0	36.0	5.38	43.2	6.48	47.3	7.16	47.3	7.16	53.6	8.16	59.9	9.15	66.2	10.10
	20.0	36.0	5.50	43.2	6.67	47.3	7.46	47.3	7.46	53.6	8.52	59.9	9.86	66.2	11.48
	25.0	36.0	6.16	43.2	7.69	47.3	9.08	47.3	9.08	53.6	10.76	59.9	12.58	66.2	14.53
	30.0	36.0	7.76	43.2	9.66	47.3	11.29	47.3	11.29	53.6	13.31	59.9	15.49	66.2	17.81
	35.0	36.0	9.49	43.2	11.77	47.3	13.67	47.3	13.67	53.6	16.07	58.8	17.92	61.2	17.92
	40.0	36.0	11.35	43.2	14.05	47.3	16.24	47.3	16.24	51.9	17.92	54.2	17.92	56.5	17.92
	43.0	36.0	12.53	43.2	15.50	46.9	17.70	46.9	17.70	49.4	17.92	51.6	17.73	52.8	16.88
	46.0	35.6	13.64	38.6	13.71	38.6	13.71	38.6	13.71	39.8	13.15	41.4	12.73	43.1	12.40
	52.0	15.2	5.18	16.6	5.18	16.9	5.18	16.9	5.18	18.7	5.35	20.7	5.53	22.9	5.73

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-10.0	33.0	4.89	39.6	5.87	46.1	6.84	46.1	6.84	52.3	7.75	58.4	8.67	64.6	9.58
	-5.0	33.0	4.90	39.6	5.87	46.1	6.85	46.1	6.85	52.3	7.76	58.4	8.67	64.6	9.58
	0.0	33.0	4.90	39.6	5.88	46.1	6.85	46.1	6.85	52.3	7.77	58.4	8.68	64.6	9.59
	5.0	33.0	4.91	39.6	5.89	46.1	6.86	46.1	6.86	52.3	7.78	58.4	8.70	64.6	9.62
	10.0	33.0	4.92	39.6	5.90	46.1	6.89	46.1	6.89	52.3	7.82	58.4	8.77	64.6	9.69
	15.0	33.0	4.93	39.6	5.94	46.1	6.98	46.1	6.98	52.3	7.95	58.4	8.93	64.6	9.86
	20.0	33.0	5.05	39.6	6.12	46.1	7.26	46.1	7.26	52.3	8.30	58.4	9.49	64.6	11.02
	25.0	33.0	5.65	39.6	7.03	46.1	8.77	46.1	8.77	52.3	10.38	58.4	12.12	64.6	13.99
	30.0	33.0	7.12	39.6	8.83	46.1	10.93	46.1	10.93	52.3	12.86	58.4	14.95	64.6	17.17
	35.0	33.0	8.70	39.6	10.76	46.1	13.23	46.1	13.23	52.3	15.54	58.3	17.91	60.7	17.92
	40.0	33.0	10.40	39.6	12.84	46.1	15.73	46.1	15.73	51.5	17.92	53.7	17.92	56.1	17.92
	43.0	33.0	11.48	39.6	14.16	46.1	17.34	46.1	17.34	49.0	17.92	51.3	17.86	52.5	16.96
	46.0	32.7	12.49	38.4	13.77	38.4	13.77	38.4	13.77	39.6	13.17	41.0	12.71	42.6	12.35
	52.0	14.1	5.09	15.4	5.09	16.5	5.09	16.5	5.09	18.3	5.24	20.2	5.41	22.3	5.59

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-10.0	30.0	4.45	36.0	5.34	42.0	6.23	45.0	6.67	51.0	7.56	57.0	8.46	63.0	9.35
	-5.0	30.0	4.45	36.0	5.34	42.0	6.23	45.0	6.68	51.0	7.57	57.0	8.46	63.0	9.35
	0.0	30.0	4.46	36.0	5.35	42.0	6.24	45.0	6.69	51.0	7.58	57.0	8.47	63.0	9.36
	5.0	30.0	4.46	36.0	5.36	42.0	6.25	45.0	6.69	51.0	7.59	57.0	8.49	63.0	9.38
	10.0	30.0	4.47	36.0	5.36	42.0	6.26	45.0	6.71	51.0	7.63	57.0	8.55	63.0	9.45
	15.0	30.0	4.49	36.0	5.40	42.0	6.33	45.0	6.80	51.0	7.75	57.0	8.70	63.0	9.62
	20.0	30.0	4.59	36.0	5.57	42.0	6.57	45.0	7.07	51.0	8.08	57.0	9.12	63.0	10.58
	25.0	30.0	5.16	36.0	6.39	42.0	7.75	45.0	8.47	51.0	10.01	57.0	11.67	63.0	13.46
	30.0	30.0	6.49	36.0	8.02	42.0	9.68	45.0	10.56	51.0	12.42	57.0	14.41	63.0	16.54
	35.0	30.0	7.92	36.0	9.77	42.0	11.76	45.0	12.80	51.0	15.02	57.0	17.37	60.2	17.92
	40.0	30.0	9.46	36.0	11.65	42.0	14.00	45.0	15.23	51.0	17.82	53.3	17.92	55.6	17.92
	43.0	30.0	10.44	36.0	12.85	42.0	15.43	45.0	16.79	48.6	17.92	51.0	17.92	52.1	17.07
	46.0	29.7	11.35	35.6	13.98	37.9	14.23	38.3	13.84	39.3	13.20	40.6	12.70	42.1	12.30
	52.0	12.9	4.81	14.1	4.86	15.5	4.95	16.2	5.01	17.9	5.14	19.7	5.29	21.7	5.45

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-16ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-10.0	27.0	4.00	32.4	4.81	37.8	5.61	40.5	6.01	45.9	6.81	51.3	7.61	56.7	8.41
	-5.0	27.0	4.01	32.4	4.81	37.8	5.61	40.5	6.01	45.9	6.81	51.3	7.62	56.7	8.42
	0.0	27.0	4.01	32.4	4.81	37.8	5.62	40.5	6.02	45.9	6.82	51.3	7.62	56.7	8.42
	5.0	27.0	4.02	32.4	4.82	37.8	5.62	40.5	6.03	45.9	6.83	51.3	7.63	56.7	8.44
	10.0	27.0	4.03	32.4	4.83	37.8	5.63	40.5	6.04	45.9	6.85	51.3	7.67	56.7	8.50
	15.0	27.0	4.04	32.4	4.85	37.8	5.68	40.5	6.09	45.9	6.94	51.3	7.79	56.7	8.64
	20.0	27.0	4.11	32.4	4.98	37.8	5.86	40.5	6.30	45.9	7.21	51.3	8.11	56.7	9.01
	25.0	27.0	4.57	32.4	5.60	37.8	6.73	40.5	7.33	45.9	8.61	51.3	9.98	56.7	11.44
	30.0	27.0	5.74	32.4	7.04	37.8	8.44	40.5	9.18	45.9	10.73	51.3	12.39	56.7	14.15
	35.0	27.0	7.01	32.4	8.59	37.8	10.28	40.5	11.15	45.9	13.02	51.3	14.98	56.7	17.07
	40.0	27.0	8.37	32.4	10.26	37.8	12.26	40.5	13.30	45.9	15.48	51.3	17.79	53.6	17.92
	43.0	27.0	9.24	32.4	11.32	37.8	13.52	40.5	14.66	45.9	17.06	49.0	17.92	51.0	17.72
	46.0	26.7	10.06	32.1	12.32	37.4	14.71	37.7	14.28	38.3	13.47	39.3	12.80	40.4	12.26
	52.0	12.4	4.68	13.3	4.67	14.4	4.69	15.0	4.71	16.3	4.77	17.8	4.85	19.4	4.94

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-10.0	24.0	3.56	28.8	4.27	33.6	4.98	36.0	5.34	40.8	6.05	45.6	6.77	50.4	7.48
	-5.0	24.0	3.56	28.8	4.28	33.6	4.99	36.0	5.34	40.8	6.06	45.6	6.77	50.4	7.48
	0.0	24.0	3.57	28.8	4.28	33.6	4.99	36.0	5.35	40.8	6.06	45.6	6.78	50.4	7.49
	5.0	24.0	3.57	28.8	4.29	33.6	5.00	36.0	5.36	40.8	6.07	45.6	6.78	50.4	7.50
	10.0	24.0	3.58	28.8	4.29	33.6	5.01	36.0	5.36	40.8	6.08	45.6	6.80	50.4	7.53
	15.0	24.0	3.59	28.8	4.31	33.6	5.03	36.0	5.40	40.8	6.14	45.6	6.88	50.4	7.64
	20.0	24.0	3.63	28.8	4.39	33.6	5.16	36.0	5.55	40.8	6.34	45.6	7.13	50.4	7.93
	25.0	24.0	3.99	28.8	4.87	33.6	5.78	36.0	6.27	40.8	7.31	45.6	8.42	50.4	9.60
	30.0	24.0	5.02	28.8	6.11	33.6	7.28	36.0	7.89	40.8	9.17	45.6	10.52	50.4	11.95
	35.0	24.0	6.14	28.8	7.47	33.6	8.88	36.0	9.60	40.8	11.15	45.6	12.77	50.4	14.47
	40.0	24.0	7.34	28.8	8.93	33.6	10.61	36.0	11.48	40.8	13.29	45.6	15.20	50.4	17.20
	43.0	24.0	8.10	28.8	9.86	33.6	11.71	36.0	12.67	40.8	14.66	45.6	16.76	49.0	17.92
	46.0	23.8	8.82	28.5	10.73	33.3	12.74	35.6	13.79	37.7	14.03	38.3	13.19	39.0	12.48
	52.0	11.9	4.61	12.6	4.52	13.4	4.48	13.9	4.46	14.9	4.46	16.1	4.48	17.4	4.51

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-10.0	21.0	3.12	25.2	3.74	29.4	4.36	31.5	4.67	35.7	5.30	39.9	5.92	44.1	6.54
	-5.0	21.0	3.12	25.2	3.74	29.4	4.37	31.5	4.68	35.7	5.30	39.9	5.93	44.1	6.55
	0.0	21.0	3.12	25.2	3.75	29.4	4.37	31.5	4.68	35.7	5.31	39.9	5.93	44.1	6.56
	5.0	21.0	3.13	25.2	3.75	29.4	4.38	31.5	4.69	35.7	5.31	39.9	5.94	44.1	6.56
	10.0	21.0	3.13	25.2	3.76	29.4	4.38	31.5	4.70	35.7	5.32	39.9	5.95	44.1	6.58
	15.0	21.0	3.14	25.2	3.77	29.4	4.40	31.5	4.71	35.7	5.35	39.9	5.99	44.1	6.64
	20.0	21.0	3.16	25.2	3.81	29.4	4.48	31.5	4.81	35.7	5.49	39.9	6.17	44.1	6.86
	25.0	21.0	3.41	25.2	4.17	29.4	4.94	31.5	5.31	35.7	6.13	39.9	7.01	44.1	7.94
	30.0	21.0	4.35	25.2	5.24	29.4	6.19	31.5	6.69	35.7	7.72	39.9	8.80	44.1	9.94
	35.0	21.0	5.31	25.2	6.41	29.4	7.57	31.5	8.15	35.7	9.42	39.9	10.72	44.1	12.09
	40.0	21.0	6.35	25.2	7.67	29.4	9.05	31.5	9.77	35.7	11.25	39.9	12.80	44.1	14.41
	43.0	21.0	7.01	25.2	8.47	29.4	10.00	31.5	10.79	35.7	12.42	39.9	14.12	44.1	15.89
	46.0	20.8	7.63	24.9	9.22	29.1	10.89	31.2	11.75	35.3	13.52	37.6	13.98	38.0	13.08
	52.0	11.6	4.58	12.0	4.44	12.6	4.33	13.0	4.28	13.7	4.22	14.6	4.17	15.6	4.15

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-10.0	18.0	2.67	21.6	3.21	25.2	3.74	27.0	4.01	30.6	4.54	34.2	5.08	37.8	5.61
	-5.0	18.0	2.67	21.6	3.21	25.2	3.74	27.0	4.01	30.6	4.54	34.2	5.08	37.8	5.61
	0.0	18.0	2.68	21.6	3.21	25.2	3.75	27.0	4.01	30.6	4.55	34.2	5.08	37.8	5.62
	5.0	18.0	2.68	21.6	3.22	25.2	3.75	27.0	4.02	30.6	4.56	34.2	5.09	37.8	5.63
	10.0	18.0	2.69	21.6	3.22	25.2	3.76	27.0	4.03	30.6	4.56	34.2	5.10	37.8	5.63
	15.0	18.0	2.69	21.6	3.23	25.2	3.77	27.0	4.04	30.6	4.58	34.2	5.12	37.8	5.67
	20.0	18.0	2.71	21.6	3.25	25.2	3.81	27.0	4.09	30.6	4.66	34.2	5.23	37.8	5.81
	25.0	18.0	2.86	21.6	3.49	25.2	4.13	27.0	4.44	30.6	5.10	34.2	5.73	37.8	6.44
	30.0	18.0	3.72	21.6	4.43	25.2	5.18	27.0	5.58	30.6	6.38	34.2	7.23	37.8	8.11
	35.0	18.0	4.53	21.6	5.42	25.2	6.35	27.0	6.81	30.6	7.81	34.2	8.84	37.8	9.91
	40.0	18.0	5.41	21.6	6.48	25.2	7.60	27.0	8.17	30.6	9.35	34.2	10.57	37.8	11.84
	43.0	18.0	5.97	21.6	7.16	25.2	8.39	27.0	9.02	30.6	10.33	34.2	11.68	37.8	13.07
	46.0	17.8	6.49	21.4	7.79	24.9	9.14	26.7	9.83	30.3	11.25	33.9	12.72	37.4	14.24
	52.0	11.3	4.63	11.6	4.42	12.0	4.25	12.2	4.18	12.7	4.06	13.3	3.95	14.0	3.87

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-16ME2E8 (Cooling) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-10.0	15.0	2.23	18.0	2.67	21.0	3.12	22.5	3.34	25.5	3.79	28.5	4.23	31.5	4.68
	-5.0	15.0	2.23	18.0	2.67	21.0	3.12	22.5	3.34	25.5	3.79	28.5	4.23	31.5	4.68
	0.0	15.0	2.23	18.0	2.68	21.0	3.12	22.5	3.35	25.5	3.79	28.5	4.24	31.5	4.68
	5.0	15.0	2.23	18.0	2.68	21.0	3.13	22.5	3.35	25.5	3.80	28.5	4.24	31.5	4.69
	10.0	15.0	2.24	18.0	2.69	21.0	3.13	22.5	3.36	25.5	3.80	28.5	4.25	31.5	4.70
	15.0	15.0	2.25	18.0	2.69	21.0	3.14	22.5	3.37	25.5	3.82	28.5	4.26	31.5	4.71
	20.0	15.0	2.26	18.0	2.71	21.0	3.16	22.5	3.39	25.5	3.85	28.5	4.32	31.5	4.79
	25.0	15.0	2.34	18.0	2.84	21.0	3.36	22.5	3.60	25.5	4.14	28.5	4.66	31.5	5.18
	30.0	15.0	3.12	18.0	3.67	21.0	4.25	22.5	4.55	25.5	5.17	28.5	5.80	31.5	6.46
	35.0	15.0	3.79	18.0	4.49	21.0	5.21	22.5	5.56	25.5	6.33	28.5	7.11	31.5	7.92
	40.0	15.0	4.51	18.0	5.36	21.0	6.23	22.5	6.67	25.5	7.58	28.5	8.52	31.5	9.48
	43.0	15.0	4.97	18.0	5.91	21.0	6.88	22.5	7.37	25.5	8.38	28.5	9.42	31.5	10.48
	46.0	14.9	5.40	17.8	6.43	20.8	7.49	22.3	8.03	25.2	9.13	28.2	10.26	31.2	11.42
	52.0	11.1	4.79	11.3	4.52	11.5	4.28	11.6	4.18	12.0	4.00	12.3	3.84	12.8	3.70

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-10.0	12.0	1.78	14.4	2.14	16.8	2.49	18.0	2.67	20.4	3.03	22.8	3.39	25.2	3.74
	-5.0	12.0	1.78	14.4	2.14	16.8	2.50	18.0	2.67	20.4	3.03	22.8	3.39	25.2	3.75
	0.0	12.0	1.79	14.4	2.14	16.8	2.50	18.0	2.68	20.4	3.03	22.8	3.39	25.2	3.75
	5.0	12.0	1.79	14.4	2.15	16.8	2.50	18.0	2.68	20.4	3.04	22.8	3.40	25.2	3.75
	10.0	12.0	1.79	14.4	2.15	16.8	2.51	18.0	2.69	20.4	3.04	22.8	3.40	25.2	3.76
	15.0	12.0	1.80	14.4	2.16	16.8	2.52	18.0	2.69	20.4	3.05	22.8	3.41	25.2	3.77
	20.0	12.0	1.81	14.4	2.17	16.8	2.53	18.0	2.71	20.4	3.07	22.8	3.43	25.2	3.80
	25.0	12.0	1.84	14.4	2.22	16.8	2.62	18.0	2.81	20.4	3.21	22.8	3.62	25.2	4.02
	30.0	12.0	2.56	14.4	2.97	16.8	3.40	18.0	3.61	20.4	4.06	22.8	4.51	25.2	4.98
	35.0	12.0	3.09	14.4	3.61	16.8	4.15	18.0	4.40	20.4	4.97	22.8	5.54	25.2	6.12
	40.0	12.0	3.66	14.4	4.30	16.8	4.95	18.0	5.28	20.4	5.95	22.8	6.64	25.2	7.34
	43.0	12.0	4.02	14.4	4.73	16.8	5.46	18.0	5.83	20.4	6.57	22.8	7.34	25.2	8.11
	46.0	11.9	4.36	14.3	5.14	16.6	5.94	17.8	6.34	20.2	7.16	22.6	7.99	24.9	8.84
	52.0	9.7	4.35	11.1	4.78	11.2	4.48	11.2	4.35	11.4	4.10	11.6	3.88	11.9	3.69

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-10.0	9.0	1.34	10.8	1.61	12.6	1.87	13.5	2.01	15.3	2.27	17.1	2.54	18.9	2.81
	-5.0	9.0	1.34	10.8	1.61	12.6	1.87	13.5	2.01	15.3	2.28	17.1	2.54	18.9	2.81
	0.0	9.0	1.34	10.8	1.61	12.6	1.88	13.5	2.01	15.3	2.28	17.1	2.55	18.9	2.81
	5.0	9.0	1.34	10.8	1.61	12.6	1.88	13.5	2.01	15.3	2.28	17.1	2.55	18.9	2.82
	10.0	9.0	1.35	10.8	1.61	12.6	1.88	13.5	2.02	15.3	2.28	17.1	2.55	18.9	2.82
	15.0	9.0	1.35	10.8	1.62	12.6	1.89	13.5	2.02	15.3	2.29	17.1	2.56	18.9	2.83
	20.0	9.0	1.36	10.8	1.63	12.6	1.90	13.5	2.03	15.3	2.30	17.1	2.57	18.9	2.84
	25.0	9.0	1.38	10.8	1.65	12.6	1.93	13.5	2.06	15.3	2.35	17.1	2.64	18.9	2.93
	30.0	9.0	2.04	10.8	2.32	12.6	2.61	13.5	2.76	15.3	3.06	17.1	3.36	18.9	3.67
	35.0	9.0	2.43	10.8	2.79	12.6	3.16	13.5	3.34	15.3	3.73	17.1	4.11	18.9	4.50
	40.0	9.0	2.85	10.8	3.30	12.6	3.76	13.5	3.98	15.3	4.45	17.1	4.92	18.9	5.39
	43.0	9.0	3.12	10.8	3.62	12.6	4.13	13.5	4.39	15.3	4.90	17.1	5.43	18.9	5.95
	46.0	8.9	3.37	10.7	3.93	12.5	4.49	13.4	4.77	15.1	5.34	16.9	5.91	18.7	6.49
	52.0	7.3	3.37	8.7	3.92	10.2	4.48	10.9	4.76	11.1	4.51	11.2	4.22	11.3	3.95

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

1-10. U-16ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-24.9	-25.0	24.4	10.87	23.8	10.72	22.5	10.39	21.9	10.22	19.9	9.62	18.5	9.16	14.8	7.81
	-19.8	-20.0	28.4	11.23	27.7	11.06	26.2	10.69	25.5	10.49	23.2	9.83	21.6	9.34	17.4	7.92
	-14.7	-15.0	32.8	11.72	32.0	11.53	30.4	11.11	29.5	10.89	26.9	10.17	25.1	9.64	20.3	8.12
	-9.6	-10.0	37.9	12.44	37.0	12.22	35.2	11.76	34.2	11.52	31.3	10.72	29.2	10.14	23.8	8.51
	-4.4	-5.0	43.9	13.47	42.9	13.21	40.8	12.63	39.8	12.33	36.4	11.49	34.0	10.84	27.7	9.01
	-1.8	-2.5	47.3	14.00	46.2	13.74	44.0	13.20	42.8	12.91	39.2	11.96	36.7	11.26	29.8	9.32
	0.8	0.0	50.9	14.34	49.7	14.08	47.3	13.51	46.0	13.20	42.1	12.22	39.4	11.50	32.1	9.49
	2.8	2.0	53.9	14.57	52.6	14.29	50.1	13.69	48.8	13.38	44.7	12.36	41.8	11.63	33.8	9.48
	6.0	5.0	58.7	14.90	57.4	14.61	54.7	14.00	53.3	13.68	47.8	12.15	43.8	11.04	33.8	8.42
	7.0	6.0	60.5	15.03	59.2	14.75	55.7	13.84	53.8	13.27	47.8	11.62	43.8	10.57	33.8	8.07
	8.6	7.5	61.7	14.50	59.7	13.95	55.7	12.88	53.8	12.35	47.8	10.84	43.8	9.87	33.8	7.57
	11.2	10.0	61.7	12.72	59.7	12.25	55.7	11.33	53.8	10.88	47.8	9.59	43.8	8.75	33.8	6.77
	16.4	15.0	61.7	9.53	59.7	9.21	55.7	8.58	53.8	8.27	47.8	7.37	43.8	6.78	33.8	5.36
	24.0	18.0	61.7	8.08	59.7	7.85	55.7	7.37	53.8	7.13	47.8	6.42	43.8	5.94	33.8	4.75

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-24.9	-25.0	24.3	10.75	23.7	10.60	22.4	10.27	21.8	10.10	19.8	9.51	18.4	9.06	14.8	7.73
	-19.8	-20.0	28.3	11.11	27.6	10.94	26.2	10.57	25.4	10.38	23.1	9.73	21.5	9.24	17.3	7.84
	-14.7	-15.0	32.8	11.61	31.9	11.41	30.3	11.00	29.4	10.78	26.8	10.07	25.0	9.54	20.2	8.05
	-9.6	-10.0	37.9	12.33	37.0	12.12	35.1	11.66	34.1	11.42	31.2	10.63	29.1	10.05	23.7	8.43
	-4.4	-5.0	43.9	13.39	42.9	13.14	40.8	12.58	39.7	12.29	36.3	11.39	34.0	10.75	27.6	8.93
	-1.8	-2.5	47.3	13.84	46.2	13.60	43.9	13.06	42.8	12.78	39.1	11.85	36.6	11.16	29.7	9.24
	0.8	0.0	50.9	14.17	49.7	13.91	47.2	13.35	46.0	13.05	42.1	12.07	39.3	11.36	32.0	9.39
	2.8	2.0	53.9	14.38	52.6	14.11	50.0	13.52	48.7	13.21	44.6	12.21	41.7	11.49	33.1	9.12
	6.0	5.0	58.7	14.71	57.4	14.43	54.4	13.74	52.5	13.19	46.7	11.58	42.8	10.55	33.1	8.09
	7.0	6.0	60.3	14.74	58.3	14.19	54.4	13.11	52.5	12.59	46.7	11.07	42.8	10.09	33.1	7.76
	8.6	7.5	60.3	13.67	58.3	13.17	54.4	12.19	52.5	11.71	46.7	10.32	42.8	9.42	33.1	7.28
	11.2	10.0	60.3	11.98	58.3	11.55	54.4	10.72	52.5	10.31	46.7	9.12	42.8	8.35	33.1	6.51
	16.4	15.0	60.3	8.95	58.3	8.66	54.4	8.10	52.5	7.82	46.7	7.00	42.8	6.46	33.1	5.15
	24.0	18.0	60.3	7.91	58.3	7.68	54.4	7.22	52.5	6.98	46.7	6.29	42.8	5.82	33.1	4.66

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-24.9	-25.0	24.3	10.63	23.6	10.48	22.4	10.16	21.7	9.99	19.7	9.40	18.3	8.96	14.7	7.65
	-19.8	-20.0	28.3	10.99	27.5	10.82	26.1	10.46	25.3	10.26	23.0	9.62	21.4	9.14	17.2	7.75
	-14.7	-15.0	32.7	11.49	31.9	11.30	30.2	10.89	29.4	10.67	26.7	9.97	24.9	9.45	20.1	7.97
	-9.6	-10.0	37.8	12.23	36.9	12.01	35.0	11.56	34.1	11.31	31.1	10.53	29.1	9.97	23.6	8.35
	-4.4	-5.0	43.9	13.28	42.9	13.04	40.7	12.51	39.6	12.22	36.2	11.29	33.9	10.60	27.5	8.86
	-1.8	-2.5	47.3	13.69	46.2	13.45	43.9	12.92	42.7	12.65	39.0	11.72	36.5	11.05	29.6	9.15
	0.8	0.0	50.8	14.00	49.6	13.73	47.2	13.18	45.9	12.89	42.0	11.93	39.2	11.23	31.9	9.29
	2.8	2.0	53.8	14.20	52.6	13.93	50.0	13.35	48.6	13.05	44.5	12.07	41.6	11.36	32.3	8.77
	6.0	5.0	58.7	14.53	56.9	14.05	53.1	13.01	51.3	12.51	45.6	11.03	41.8	10.07	32.3	7.78
	7.0	6.0	58.8	13.89	56.9	13.39	53.1	12.41	51.3	11.93	45.6	10.53	41.8	9.63	32.3	7.46
	8.6	7.5	58.8	12.88	56.9	12.43	53.1	11.53	51.3	11.10	45.6	9.82	41.8	8.99	32.3	6.99
	11.2	10.0	58.8	11.27	56.9	10.89	53.1	10.13	51.3	9.76	45.6	8.68	41.8	7.97	32.3	6.26
	16.4	15.0	58.8	8.40	56.9	8.14	53.1	7.64	51.3	7.39	45.6	6.65	41.8	6.16	32.3	4.95
	24.0	18.0	58.8	7.74	56.9	7.51	53.1	7.06	51.3	6.83	45.6	6.15	41.8	5.70	32.3	4.57

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-24.9	-25.0	24.2	10.51	23.6	10.36	22.3	10.04	21.6	9.88	19.6	9.30	18.2	8.86	14.6	7.56
	-19.8	-20.0	28.2	10.87	27.5	10.70	26.0	10.34	25.2	10.15	22.9	9.52	21.3	9.04	17.1	7.67
	-14.7	-15.0	32.6	11.38	31.8	11.19	30.1	10.78	29.3	10.57	26.7	9.87	24.8	9.35	20.0	7.89
	-9.6	-10.0	37.8	12.13	36.8	11.91	35.0	11.46	34.0	11.22	31.0	10.44	29.0	9.88	23.5	8.28
	-4.4	-5.0	43.9	13.16	42.8	12.93	40.7	12.42	39.6	12.14	36.2	11.23	33.8	10.56	27.4	8.78
	-1.8	-2.5	47.2	13.53	46.1	13.29	43.8	12.78	42.6	12.50	38.9	11.60	36.3	10.93	29.4	9.06
	0.8	0.0	50.8	13.82	49.6	13.56	47.1	13.02	45.8	12.73	41.8	11.78	39.1	11.09	31.5	9.09
	2.8	2.0	53.8	14.01	52.5	13.75	49.9	13.18	48.5	12.88	44.4	11.92	40.7	10.91	31.5	8.42
	6.0	5.0	57.4	13.75	55.6	13.27	51.9	12.32	50.0	11.86	44.4	10.49	40.7	9.60	31.5	7.46
	7.0	6.0	57.4	13.09	55.6	12.64	51.9	11.75	50.0	11.30	44.4	10.01	40.7	9.17	31.5	7.15
	8.6	7.5	57.4	12.12	55.6	11.70	51.9	10.89	50.0	10.49	44.4	9.32	40.7	8.56	31.5	6.71
	11.2	10.0	57.4	10.58	55.6	10.23	51.9	9.55	50.0	9.22	44.4	8.24	40.7	7.59	31.5	6.01
	16.4	15.0	57.4	7.89	55.6	7.67	51.9	7.22	50.0	7.00	44.4	6.32	40.7	5.87	31.5	4.72
	24.0	18.0	57.4	7.57	55.6	7.35	51.9	6.91	50.0	6.68	44.4	6.02	40.7	5.58	31.5	4.47

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-16ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-24.9	-25.0	23.9	10.04	23.2	9.91	21.9	9.60	21.3	9.44	19.3	8.90	17.9	8.49	14.2	7.26
	-19.8	-20.0	27.9	10.42	27.1	10.26	25.7	9.91	24.9	9.73	22.6	9.12	21.0	8.67	16.8	7.36
	-14.7	-15.0	32.3	10.95	31.5	10.77	29.8	10.37	28.9	10.16	26.3	9.49	24.5	8.99	19.6	7.59
	-9.6	-10.0	37.6	11.68	36.6	11.52	34.7	11.07	33.7	10.84	30.7	10.08	28.6	9.53	23.0	7.98
	-4.4	-5.0	43.7	12.60	42.6	12.39	40.4	11.93	39.3	11.68	35.8	10.86	33.3	10.25	26.9	8.50
	-1.8	-2.5	47.1	12.88	45.9	12.66	43.5	12.17	42.3	11.91	38.5	11.06	35.9	10.44	28.3	8.45
	0.8	0.0	50.6	13.11	49.4	12.88	46.7	12.31	45.0	11.89	40.0	10.62	36.7	9.79	28.3	7.72
	2.8	2.0	51.7	12.45	50.0	12.06	46.7	11.30	45.0	10.92	40.0	9.76	36.7	9.06	28.3	7.24
	6.0	5.0	51.7	10.87	50.0	10.59	46.7	10.01	45.0	9.71	40.0	8.80	36.7	8.13	28.3	6.45
	7.0	6.0	51.7	10.67	50.0	10.34	46.7	9.69	45.0	9.37	40.0	8.40	36.7	7.77	28.3	6.19
	8.6	7.5	51.7	9.84	50.0	9.55	46.7	8.97	45.0	8.68	40.0	7.81	36.7	7.24	28.3	5.80
	11.2	10.0	51.7	8.55	50.0	8.32	46.7	7.84	45.0	7.61	40.0	6.90	36.7	6.42	28.3	5.20
	16.4	15.0	51.7	6.88	50.0	6.68	46.7	6.29	45.0	6.09	40.0	5.49	36.7	5.09	28.3	4.10
	24.0	18.0	51.7	6.88	50.0	6.68	46.7	6.29	45.0	6.09	40.0	5.49	36.7	5.09	28.3	4.10

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-24.9	-25.0	23.6	9.64	22.9	9.51	21.6	9.22	21.0	9.07	18.9	8.55	17.5	8.15	13.9	6.98
	-19.8	-20.0	27.6	10.03	26.9	9.87	25.4	9.54	24.6	9.36	22.2	8.77	20.6	8.34	16.4	7.09
	-14.7	-15.0	32.1	10.59	31.3	10.41	29.5	10.02	28.7	9.82	26.0	9.16	24.1	8.68	19.3	7.32
	-9.6	-10.0	37.4	11.44	36.4	11.23	34.5	10.76	33.5	10.49	30.4	9.77	28.3	9.23	22.7	7.72
	-4.4	-5.0	43.6	12.05	42.5	11.85	40.2	11.43	39.0	11.19	35.4	10.43	32.6	9.71	25.2	7.76
	-1.8	-2.5	45.9	11.85	44.4	11.52	41.5	10.87	40.0	10.54	35.6	9.54	32.6	8.86	25.2	7.16
	0.8	0.0	45.9	10.64	44.4	10.34	41.5	9.82	40.0	9.56	35.6	8.73	32.6	8.15	25.2	6.62
	2.8	2.0	45.9	9.84	44.4	9.61	41.5	9.14	40.0	8.90	35.6	8.14	32.6	7.61	25.2	6.20
	6.0	5.0	45.9	8.77	44.4	8.57	41.5	8.17	40.0	7.96	35.6	7.30	32.6	6.81	25.2	5.53
	7.0	6.0	45.9	8.55	44.4	8.33	41.5	7.88	40.0	7.65	35.6	6.97	32.6	6.50	25.2	5.30
	8.6	7.5	45.9	7.87	44.4	7.67	41.5	7.28	40.0	7.08	35.6	6.47	32.6	6.06	25.2	4.97
	11.2	10.0	45.9	6.80	44.4	6.65	41.5	6.34	40.0	6.19	35.6	5.70	32.6	5.36	25.2	4.46
	16.4	15.0	45.9	6.20	44.4	6.02	41.5	5.67	40.0	5.49	35.6	4.96	32.6	4.60	25.2	3.72
	24.0	18.0	45.9	6.20	44.4	6.02	41.5	5.67	40.0	5.49	35.6	4.96	32.6	4.60	25.2	3.72

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-24.9	-25.0	23.5	9.37	22.9	9.24	21.5	8.96	20.8	8.81	18.8	8.30	17.4	7.92	13.8	6.79
	-19.8	-20.0	27.6	9.77	26.8	9.62	25.3	9.29	24.5	9.11	22.1	8.54	20.5	8.12	16.2	6.90
	-14.7	-15.0	32.2	10.36	31.3	10.18	29.5	9.80	28.6	9.60	25.9	8.95	24.0	8.48	19.1	7.15
	-9.6	-10.0	37.6	11.16	36.6	10.98	34.5	10.58	33.5	10.36	30.3	9.56	28.2	9.04	22.0	7.39
	-4.4	-5.0	40.2	10.20	38.9	9.97	36.3	9.50	35.0	9.26	31.1	8.52	28.5	8.00	22.0	6.57
	-1.8	-2.5	40.2	9.33	38.9	9.14	36.3	8.74	35.0	8.53	31.1	7.86	28.5	7.38	22.0	6.08
	0.8	0.0	40.2	8.50	38.9	8.33	36.3	7.98	35.0	7.80	31.1	7.20	28.5	6.78	22.0	5.61
	2.8	2.0	40.2	7.86	38.9	7.71	36.3	7.40	35.0	7.23	31.1	6.70	28.5	6.31	22.0	5.25
	6.0	5.0	40.2	6.96	38.9	6.84	36.3	6.57	35.0	6.43	31.1	5.97	28.5	5.63	22.0	4.68
	7.0	6.0	40.2	6.72	38.9	6.58	36.3	6.30	35.0	6.16	31.1	5.70	28.5	5.37	22.0	4.49
	8.6	7.5	40.2	6.16	38.9	6.05	36.3	5.81	35.0	5.69	31.1	5.29	28.5	5.00	22.0	4.21
	11.2	10.0	40.2	5.51	38.9	5.36	36.3	5.05	35.0	4.95	31.1	4.65	28.5	4.42	22.0	3.78
	16.4	15.0	40.2	5.51	38.9	5.36	36.3	5.05	35.0	4.89	31.1	4.43	28.5	4.12	22.0	3.34
	24.0	18.0	40.2	5.51	38.9	5.36	36.3	5.05	35.0	4.89	31.1	4.43	28.5	4.12	22.0	3.34

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-24.9	-25.0	23.9	9.33	23.2	9.20	21.8	8.92	21.1	8.76	19.0	8.26	17.6	7.87	13.9	6.75
	-19.8	-20.0	28.1	9.77	27.3	9.61	25.7	9.27	24.9	9.09	22.4	8.51	20.7	8.09	16.4	6.87
	-14.7	-15.0	32.8	10.40	31.9	10.21	30.1	9.82	29.1	9.61	26.3	8.95	24.3	8.48	18.9	6.97
	-9.6	-10.0	34.4	9.55	33.3	9.37	31.1	8.99	30.0	8.79	26.7	8.13	24.4	7.65	18.9	6.23
	-4.4	-5.0	34.4	8.12	33.3	7.98	31.1	7.67	30.0	7.51	26.7	6.98	24.4	6.59	18.9	5.51
	-1.8	-2.5	34.4	7.41	33.3	7.28	31.1	7.02	30.0	6.88	26.7	6.41	24.4	6.07	18.9	5.10
	0.8	0.0	34.4	6.72	33.3	6.61	31.1	6.39	30.0	6.26	26.7	5.86	24.4	5.56	18.9	4.70
	2.8	2.0	34.4	6.19	33.3	6.10	31.1	5.90	30.0	5.79	26.7	5.44	24.4	5.17	18.9	4.39
	6.0	5.0	34.4	5.42	33.3	5.36	31.1	5.20	30.0	5.11	26.7	4.81	24.4	4.57	18.9	3.88
	7.0	6.0	34.4	5.17	33.3	5.10	31.1	4.94	30.0	4.86	26.7	4.58	24.4	4.37	18.9	3.75
	8.6	7.5	34.4	4.83	33.3	4.69	31.1	4.55	30.0	4.48	26.7	4.24	24.4	4.06	18.9	3.52
	11.2	10.0	34.4	4.83	33.3	4.69	31.1	4.43	30.0	4.29	26.7	3.90	24.4	3.63	18.9	3.16
	16.4	15.0	34.4	4.83	33.3	4.69	31.1	4.43	30.0	4.29	26.7	3.90	24.4	3.63	18.9	2.97
	24.0	18.0	34.4	4.83	33.3	4.69	31.1	4.43	30.0	4.29	26.7	3.90	24.4	3.63	18.9	2.97

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-16ME2E8 (Heating) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-24.9	-25.0	25.2	9.70	24.4	9.56	23.0	9.26	22.2	9.09	19.9	8.56	18.4	8.16	14.5	6.98
	-19.8	-20.0	28.7	9.82	27.8	9.61	25.9	9.19	25.0	8.97	22.2	8.28	20.4	7.80	15.7	6.50
	-14.7	-15.0	28.7	8.76	27.8	8.59	25.9	8.22	25.0	7.99	22.2	7.36	20.4	6.92	15.7	5.74
	-9.6	-10.0	28.7	7.54	27.8	7.42	25.9	7.16	25.0	7.02	22.2	6.56	20.4	6.22	15.7	5.23
	-4.4	-5.0	28.7	6.35	27.8	6.26	25.9	6.07	25.0	5.97	22.2	5.61	20.4	5.34	15.7	4.55
	-1.8	-2.5	28.7	5.77	27.8	5.70	25.9	5.54	25.0	5.45	22.2	5.14	20.4	4.90	15.7	4.20
	0.8	0.0	28.7	5.20	27.8	5.15	25.9	5.02	25.0	4.94	22.2	4.69	20.4	4.48	15.7	3.87
	2.8	2.0	28.7	4.77	27.8	4.73	25.9	4.62	25.0	4.56	22.2	4.34	20.4	4.16	15.7	3.61
	6.0	5.0	28.7	4.14	27.8	4.08	25.9	4.00	25.0	3.95	22.2	3.78	20.4	3.65	15.7	3.18
	7.0	6.0	28.7	4.14	27.8	4.03	25.9	3.81	25.0	3.75	22.2	3.60	20.4	3.48	15.7	3.08
	8.6	7.5	28.7	4.14	27.8	4.03	25.9	3.81	25.0	3.70	22.2	3.37	20.4	3.24	15.7	2.90
	11.2	10.0	28.7	4.14	27.8	4.03	25.9	3.81	25.0	3.70	22.2	3.37	20.4	3.14	15.7	2.61
	16.4	15.0	28.7	4.14	27.8	4.03	25.9	3.81	25.0	3.70	22.2	3.37	20.4	3.14	15.7	2.59
	24.0	18.0	28.7	4.14	27.8	4.03	25.9	3.81	25.0	3.70	22.2	3.37	20.4	3.14	15.7	2.59

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-24.9	-25.0	23.0	8.54	22.2	8.39	20.7	8.08	20.0	7.92	17.8	7.40	16.3	7.02	12.6	5.96
	-19.8	-20.0	23.0	7.58	22.2	7.44	20.7	7.14	20.0	6.98	17.8	6.49	16.3	6.14	12.6	5.18
	-14.7	-15.0	23.0	6.74	22.2	6.65	20.7	6.43	20.0	6.31	17.8	5.87	16.3	5.52	12.6	4.63
	-9.6	-10.0	23.0	5.77	22.2	5.70	20.7	5.54	20.0	5.45	17.8	5.15	16.3	4.91	12.6	4.21
	-4.4	-5.0	23.0	4.83	22.2	4.78	20.7	4.67	20.0	4.61	17.8	4.39	16.3	4.21	12.6	3.66
	-1.8	-2.5	23.0	4.37	22.2	4.34	20.7	4.25	20.0	4.20	17.8	4.02	16.3	3.86	12.6	3.38
	0.8	0.0	23.0	3.93	22.2	3.91	20.7	3.85	20.0	3.81	17.8	3.65	16.3	3.52	12.6	3.11
	2.8	2.0	23.0	3.55	22.2	3.54	20.7	3.49	20.0	3.46	17.8	3.34	16.3	3.24	12.6	2.89
	6.0	5.0	23.0	3.45	22.2	3.37	20.7	3.19	20.0	3.10	17.8	2.91	16.3	2.84	12.6	2.57
	7.0	6.0	23.0	3.45	22.2	3.37	20.7	3.19	20.0	3.10	17.8	2.83	16.3	2.71	12.6	2.48
	8.6	7.5	23.0	3.45	22.2	3.37	20.7	3.19	20.0	3.10	17.8	2.83	16.3	2.66	12.6	2.34
	11.2	10.0	23.0	3.45	22.2	3.37	20.7	3.19	20.0	3.10	17.8	2.83	16.3	2.66	12.6	2.22
	16.4	15.0	23.0	3.45	22.2	3.37	20.7	3.19	20.0	3.10	17.8	2.83	16.3	2.66	12.6	2.22
	24.0	18.0	23.0	3.45	22.2	3.37	20.7	3.19	20.0	3.10	17.8	2.83	16.3	2.66	12.6	2.22

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-24.9	-25.0	17.2	6.30	16.7	6.20	15.6	5.99	15.0	5.88	13.3	5.52	12.2	5.26	9.4	4.53
	-19.8	-20.0	17.2	5.68	16.7	5.56	15.6	5.34	15.0	5.24	13.3	4.89	12.2	4.65	9.4	3.97
	-14.7	-15.0	17.2	4.94	16.7	4.88	15.6	4.76	15.0	4.69	13.3	4.44	12.2	4.23	9.4	3.58
	-9.6	-10.0	17.2	4.21	16.7	4.18	15.6	4.09	15.0	4.04	13.3	3.86	12.2	3.71	9.4	3.25
	-4.4	-5.0	17.2	3.52	16.7	3.50	15.6	3.45	15.0	3.41	13.3	3.28	12.2	3.18	9.4	2.82
	-1.8	-2.5	17.2	3.14	16.7	3.13	15.6	3.10	15.0	3.08	13.3	2.99	12.2	2.90	9.4	2.60
	0.8	0.0	17.2	2.78	16.7	2.78	15.6	2.77	15.0	2.76	13.3	2.70	12.2	2.63	9.4	2.40
	2.8	2.0	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.51	13.3	2.48	12.2	2.43	9.4	2.24
	6.0	5.0	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.50	13.3	2.30	12.2	2.17	9.4	2.01
	7.0	6.0	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.50	13.3	2.30	12.2	2.17	9.4	1.94
	8.6	7.5	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.50	13.3	2.30	12.2	2.17	9.4	1.84
	11.2	10.0	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.50	13.3	2.30	12.2	2.17	9.4	1.84
	16.4	15.0	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.50	13.3	2.30	12.2	2.17	9.4	1.84
	24.0	18.0	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.50	13.3	2.30	12.2	2.17	9.4	1.84

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

1-11. U-18ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-10.0	43.3	5.92	52.0	7.10	53.8	7.36	53.8	7.36	60.9	8.34	68.1	9.32	75.3	10.29
	-5.0	43.3	5.93	52.0	7.11	53.8	7.38	53.8	7.38	60.9	8.36	68.1	9.34	75.3	10.31
	0.0	43.3	5.95	52.0	7.13	53.8	7.40	53.8	7.40	60.9	8.38	68.1	9.36	75.3	10.33
	5.0	43.3	5.97	52.0	7.16	53.8	7.43	53.8	7.43	60.9	8.41	68.1	9.41	75.3	10.39
	10.0	43.3	6.00	52.0	7.19	53.8	7.49	53.8	7.49	60.9	8.53	68.1	9.58	75.3	10.59
	15.0	43.3	6.05	52.0	7.30	53.8	7.76	53.8	7.76	60.9	8.92	68.1	10.06	75.3	11.09
	20.0	43.3	6.38	52.0	7.86	53.8	8.66	53.8	8.66	60.9	10.04	68.1	11.61	75.3	13.33
	25.0	43.3	7.99	52.0	9.70	53.8	10.74	53.8	10.74	60.9	12.52	68.1	14.44	75.3	16.52
	30.0	43.3	9.76	52.0	11.87	53.8	13.05	53.8	13.05	60.9	15.18	68.1	17.48	75.2	19.88
	35.0	43.3	11.66	52.0	14.19	53.8	15.53	53.8	15.53	60.9	18.06	66.6	19.88	69.4	19.88
	40.0	43.3	13.71	52.0	16.70	53.8	18.21	53.8	18.21	58.9	19.88	61.4	19.88	64.1	19.88
	43.0	43.3	15.01	52.0	18.30	53.4	19.75	53.4	19.75	56.0	19.88	57.6	19.08	59.1	18.28
	46.0	42.9	15.08	43.2	15.08	43.2	15.08	43.2	15.08	44.6	14.55	46.4	14.16	48.5	13.86
	52.0	18.0	6.57	19.1	6.57	19.1	6.57	19.1	6.57	21.3	6.76	23.6	6.97	26.1	7.18

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-10.0	40.0	5.47	48.0	6.56	52.5	7.19	52.5	7.19	59.5	8.15	66.5	9.10	73.5	10.05
	-5.0	40.0	5.48	48.0	6.57	52.5	7.21	52.5	7.21	59.5	8.16	66.5	9.12	73.5	10.07
	0.0	40.0	5.50	48.0	6.59	52.5	7.23	52.5	7.23	59.5	8.19	66.5	9.15	73.5	10.09
	5.0	40.0	5.52	48.0	6.62	52.5	7.26	52.5	7.26	59.5	8.22	66.5	9.19	73.5	10.15
	10.0	40.0	5.55	48.0	6.65	52.5	7.31	52.5	7.31	59.5	8.32	66.5	9.36	73.5	10.34
	15.0	40.0	5.59	48.0	6.75	52.5	7.56	52.5	7.56	59.5	8.68	66.5	9.83	73.5	10.84
	20.0	40.0	5.90	48.0	7.27	52.5	8.41	52.5	8.41	59.5	9.75	66.5	11.22	73.5	12.86
	25.0	40.0	7.47	48.0	9.02	52.5	10.43	52.5	10.43	59.5	12.13	66.5	13.97	73.5	15.96
	30.0	40.0	9.10	48.0	11.02	52.5	12.67	52.5	12.67	59.5	14.72	66.5	16.92	73.5	19.28
	35.0	40.0	10.85	48.0	13.16	52.5	15.08	52.5	15.08	59.5	17.51	66.1	19.88	68.8	19.88
	40.0	40.0	12.73	48.0	15.46	52.5	17.69	52.5	17.69	58.4	19.88	61.0	19.88	63.6	19.88
	43.0	40.0	13.93	48.0	16.93	52.5	19.36	52.5	19.36	55.6	19.88	57.3	19.19	58.7	18.34
	46.0	39.6	15.05	42.9	15.13	42.9	15.13	42.9	15.13	44.3	14.56	45.9	14.12	47.9	13.80
	52.0	16.8	6.48	18.5	6.48	18.8	6.48	18.8	6.48	20.8	6.65	23.0	6.84	25.4	7.04

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-10.0	36.7	5.02	44.0	6.02	51.3	7.02	51.3	7.02	58.1	7.95	64.9	8.89	71.8	9.81
	-5.0	36.7	5.03	44.0	6.03	51.3	7.03	51.3	7.03	58.1	7.97	64.9	8.91	71.8	9.84
	0.0	36.7	5.05	44.0	6.05	51.3	7.06	51.3	7.06	58.1	8.00	64.9	8.93	71.8	9.86
	5.0	36.7	5.07	44.0	6.08	51.3	7.08	51.3	7.08	58.1	8.02	64.9	8.97	71.8	9.91
	10.0	36.7	5.10	44.0	6.11	51.3	7.13	51.3	7.13	58.1	8.12	64.9	9.12	71.8	10.09
	15.0	36.7	5.14	44.0	6.19	51.3	7.36	51.3	7.36	58.1	8.45	64.9	9.56	71.8	10.58
	20.0	36.7	5.41	44.0	6.68	51.3	8.16	51.3	8.16	58.1	9.46	64.9	10.84	71.8	12.40
	25.0	36.7	6.96	44.0	8.36	51.3	10.12	51.3	10.12	58.1	11.75	64.9	13.51	71.8	15.41
	30.0	36.7	8.45	44.0	10.18	51.3	12.30	51.3	12.30	58.1	14.27	64.9	16.37	71.8	18.63
	35.0	36.7	10.04	44.0	12.13	51.3	14.64	51.3	14.64	58.1	16.97	64.9	19.46	68.3	19.88
	40.0	36.7	11.77	44.0	14.24	51.3	17.17	51.3	17.17	57.7	19.70	60.5	19.87	63.1	19.88
	43.0	36.7	12.86	44.0	15.58	51.3	18.80	51.3	18.80	55.2	19.88	57.0	19.33	58.3	18.42
	46.0	36.3	13.89	42.7	15.18	42.7	15.18	42.7	15.18	43.9	14.58	45.5	14.10	47.4	13.74
	52.0	15.6	6.39	17.1	6.39	18.4	6.39	18.4	6.39	20.3	6.54	22.4	6.71	24.7	6.89

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-10.0	33.3	4.57	40.0	5.48	46.7	6.39	50.0	6.85	56.7	7.76	63.3	8.67	70.0	9.58
	-5.0	33.3	4.58	40.0	5.49	46.7	6.41	50.0	6.86	56.7	7.78	63.3	8.69	70.0	9.60
	0.0	33.3	4.60	40.0	5.51	46.7	6.43	50.0	6.89	56.7	7.80	63.3	8.71	70.0	9.62
	5.0	33.3	4.62	40.0	5.54	46.7	6.46	50.0	6.91	56.7	7.83	63.3	8.75	70.0	9.67
	10.0	33.3	4.65	40.0	5.57	46.7	6.49	50.0	6.95	56.7	7.91	63.3	8.89	70.0	9.85
	15.0	33.3	4.69	40.0	5.64	46.7	6.64	50.0	7.16	56.7	8.21	63.3	9.30	70.0	10.32
	20.0	33.3	4.93	40.0	6.09	46.7	7.30	50.0	7.91	56.7	9.17	63.3	10.47	70.0	11.95
	25.0	33.3	6.46	40.0	7.71	46.7	9.08	50.0	9.82	56.7	11.37	63.3	13.06	70.0	14.87
	30.0	33.3	7.80	40.0	9.36	46.7	11.04	50.0	11.93	56.7	13.82	63.3	15.84	70.0	17.99
	35.0	33.3	9.25	40.0	11.13	46.7	13.15	50.0	14.20	56.7	16.45	63.3	18.83	67.7	19.88
	40.0	33.3	10.81	40.0	13.04	46.7	15.42	50.0	16.67	56.7	19.29	60.0	19.88	62.5	19.88
	43.0	33.3	11.80	40.0	14.25	46.7	16.87	50.0	18.24	54.8	19.88	56.8	19.48	57.9	18.52
	46.0	33.0	12.73	39.6	15.40	42.1	15.64	42.5	15.26	43.6	14.61	45.1	14.10	46.8	13.70
	52.0	14.4	6.10	15.7	6.15	17.2	6.25	18.0	6.31	19.8	6.44	21.9	6.59	24.1	6.75

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-18ME2E8 (Cooling) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-10.0	30.0	4.12	36.0	4.93	42.0	5.75	45.0	6.16	51.0	6.98	57.0	7.81	63.0	8.63
	-5.0	30.0	4.13	36.0	4.95	42.0	5.77	45.0	6.18	51.0	7.00	57.0	7.82	63.0	8.65
	0.0	30.0	4.14	36.0	4.96	42.0	5.79	45.0	6.20	51.0	7.02	57.0	7.85	63.0	8.67
	5.0	30.0	4.16	36.0	4.98	42.0	5.81	45.0	6.22	51.0	7.05	57.0	7.87	63.0	8.70
	10.0	30.0	4.18	36.0	5.02	42.0	5.84	45.0	6.25	51.0	7.09	57.0	7.95	63.0	8.83
	15.0	30.0	4.22	36.0	5.06	42.0	5.93	45.0	6.38	51.0	7.30	57.0	8.24	63.0	9.21
	20.0	30.0	4.37	36.0	5.37	42.0	6.41	45.0	6.94	51.0	8.05	57.0	9.16	63.0	10.29
	25.0	30.0	5.68	36.0	6.90	42.0	8.05	45.0	8.66	51.0	9.95	57.0	11.34	63.0	12.83
	30.0	30.0	7.04	36.0	8.36	42.0	9.78	45.0	10.53	51.0	12.11	57.0	13.78	63.0	15.57
	35.0	30.0	8.33	36.0	9.93	42.0	11.64	45.0	12.52	51.0	14.42	57.0	16.41	63.0	18.52
	40.0	30.0	9.72	36.0	11.62	42.0	13.65	45.0	14.71	51.0	16.92	57.0	19.25	60.3	19.88
	43.0	30.0	10.60	36.0	12.70	42.0	14.93	45.0	16.09	51.0	18.52	55.2	19.88	56.7	19.19
	46.0	29.7	11.42	35.6	13.71	41.6	16.14	41.9	15.70	42.6	14.88	43.6	14.20	44.9	13.65
	52.0	13.8	5.98	14.8	5.96	16.0	5.98	16.6	6.00	18.1	6.07	19.8	6.15	21.6	6.24

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-10.0	26.7	3.66	32.0	4.39	37.3	5.12	40.0	5.48	45.3	6.21	50.7	6.94	56.0	7.67
	-5.0	26.7	3.67	32.0	4.40	37.3	5.13	40.0	5.49	45.3	6.23	50.7	6.96	56.0	7.69
	0.0	26.7	3.68	32.0	4.41	37.3	5.15	40.0	5.51	45.3	6.25	50.7	6.98	56.0	7.71
	5.0	26.7	3.70	32.0	4.43	37.3	5.17	40.0	5.54	45.3	6.27	50.7	7.01	56.0	7.74
	10.0	26.7	3.72	32.0	4.46	37.3	5.20	40.0	5.57	45.3	6.30	50.7	7.04	56.0	7.80
	15.0	26.7	3.76	32.0	4.50	37.3	5.25	40.0	5.63	45.3	6.42	50.7	7.23	56.0	8.06
	20.0	26.7	3.84	32.0	4.68	37.3	5.57	40.0	6.01	45.3	6.96	50.7	7.92	56.0	8.89
	25.0	26.7	4.81	32.0	6.06	37.3	7.09	40.0	7.59	45.3	8.64	50.7	9.76	56.0	10.96
	30.0	26.7	6.32	32.0	7.42	37.3	8.60	40.0	9.22	45.3	10.52	50.7	11.89	56.0	13.34
	35.0	26.7	7.45	32.0	8.80	37.3	10.23	40.0	10.96	45.3	12.53	50.7	14.17	56.0	15.89
	40.0	26.7	8.67	32.0	10.28	37.3	11.98	40.0	12.86	45.3	14.70	50.7	16.63	56.0	18.66
	43.0	26.7	9.44	32.0	11.22	37.3	13.09	40.0	14.07	45.3	16.09	50.7	18.21	55.2	19.88
	46.0	26.4	10.16	31.7	12.10	37.0	14.14	39.6	15.20	41.9	15.44	42.5	14.59	43.4	13.88
	52.0	13.3	5.90	14.0	5.81	14.9	5.77	15.4	5.76	16.6	5.75	17.9	5.77	19.3	5.80

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-10.0	23.3	3.21	28.0	3.84	32.7	4.48	35.0	4.80	39.7	5.44	44.3	6.08	49.0	6.71
	-5.0	23.3	3.21	28.0	3.85	32.7	4.49	35.0	4.81	39.7	5.45	44.3	6.09	49.0	6.73
	0.0	23.3	3.22	28.0	3.86	32.7	4.51	35.0	4.83	39.7	5.47	44.3	6.11	49.0	6.75
	5.0	23.3	3.24	28.0	3.88	32.7	4.53	35.0	4.85	39.7	5.49	44.3	6.13	49.0	6.78
	10.0	23.3	3.26	28.0	3.91	32.7	4.55	35.0	4.88	39.7	5.52	44.3	6.16	49.0	6.81
	15.0	23.3	3.29	28.0	3.95	32.7	4.59	35.0	4.91	39.7	5.58	44.3	6.26	49.0	6.96
	20.0	23.3	3.35	28.0	4.04	32.7	4.77	35.0	5.14	39.7	5.93	44.3	6.73	49.0	7.54
	25.0	23.3	3.99	28.0	5.02	32.7	6.07	35.0	6.56	39.7	7.44	44.3	8.33	49.0	9.27
	30.0	23.3	5.64	28.0	6.54	32.7	7.51	35.0	8.01	39.7	9.05	44.3	10.15	49.0	11.30
	35.0	23.3	6.62	28.0	7.73	32.7	8.90	35.0	9.49	39.7	10.77	44.3	12.10	49.0	13.48
	40.0	23.3	7.67	28.0	9.00	32.7	10.41	35.0	11.13	39.7	12.63	44.3	14.20	49.0	15.83
	43.0	23.3	8.33	28.0	9.81	32.7	11.36	35.0	12.16	39.7	13.81	44.3	15.54	49.0	17.33
	46.0	23.1	8.96	27.7	10.57	32.3	12.26	34.7	13.13	39.3	14.93	41.8	15.39	42.2	14.48
	52.0	12.8	5.88	13.4	5.73	14.0	5.61	14.4	5.57	15.3	5.51	16.2	5.46	17.3	5.43

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-10.0	20.0	2.75	24.0	3.30	28.0	3.84	30.0	4.12	34.0	4.66	38.0	5.21	42.0	5.76
	-5.0	20.0	2.76	24.0	3.30	28.0	3.85	30.0	4.13	34.0	4.67	38.0	5.22	42.0	5.77
	0.0	20.0	2.77	24.0	3.32	28.0	3.86	30.0	4.14	34.0	4.69	38.0	5.24	42.0	5.79
	5.0	20.0	2.78	24.0	3.33	28.0	3.88	30.0	4.16	34.0	4.71	38.0	5.26	42.0	5.81
	10.0	20.0	2.80	24.0	3.35	28.0	3.91	30.0	4.18	34.0	4.74	38.0	5.29	42.0	5.84
	15.0	20.0	2.83	24.0	3.39	28.0	3.94	30.0	4.22	34.0	4.77	38.0	5.33	42.0	5.91
	20.0	20.0	2.88	24.0	3.44	28.0	4.03	30.0	4.32	34.0	4.96	38.0	5.61	42.0	6.27
	25.0	20.0	3.24	24.0	4.06	28.0	4.90	30.0	5.29	34.0	6.19	38.0	7.04	42.0	7.76
	30.0	20.0	5.00	24.0	5.72	28.0	6.48	30.0	6.88	34.0	7.70	38.0	8.56	42.0	9.45
	35.0	20.0	5.82	24.0	6.72	28.0	7.66	30.0	8.13	34.0	9.15	38.0	10.19	42.0	11.27
	40.0	20.0	6.71	24.0	7.80	28.0	8.93	30.0	9.51	34.0	10.70	38.0	11.94	42.0	13.23
	43.0	20.0	7.28	24.0	8.48	28.0	9.73	30.0	10.37	34.0	11.69	38.0	13.06	42.0	14.48
	46.0	19.8	7.81	23.8	9.12	27.7	10.49	29.7	11.19	33.7	12.63	37.6	14.12	41.6	15.66
	52.0	12.5	5.93	12.9	5.71	13.3	5.54	13.6	5.47	14.2	5.34	14.8	5.24	15.6	5.15

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-18ME2E8 (Cooling) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-10.0	16.7	2.29	20.0	2.75	23.3	3.21	25.0	3.43	28.3	3.89	31.7	4.35	35.0	4.80
	-5.0	16.7	2.30	20.0	2.76	23.3	3.21	25.0	3.44	28.3	3.90	31.7	4.36	35.0	4.81
	0.0	16.7	2.31	20.0	2.77	23.3	3.22	25.0	3.45	28.3	3.91	31.7	4.37	35.0	4.83
	5.0	16.7	2.32	20.0	2.78	23.3	3.24	25.0	3.47	28.3	3.93	31.7	4.39	35.0	4.85
	10.0	16.7	2.33	20.0	2.80	23.3	3.26	25.0	3.49	28.3	3.95	31.7	4.41	35.0	4.87
	15.0	16.7	2.36	20.0	2.82	23.3	3.29	25.0	3.52	28.3	3.99	31.7	4.45	35.0	4.91
	20.0	16.7	2.40	20.0	2.88	23.3	3.34	25.0	3.57	28.3	4.06	31.7	4.57	35.0	5.08
	25.0	16.7	2.58	20.0	3.18	23.3	3.83	25.0	4.12	28.3	4.82	31.7	5.50	35.0	6.18
	30.0	16.7	4.39	20.0	4.95	23.3	5.54	25.0	5.84	28.3	6.46	31.7	7.11	35.0	7.78
	35.0	16.7	5.07	20.0	5.78	23.3	6.51	25.0	6.86	28.3	7.65	31.7	8.44	35.0	9.25
	40.0	16.7	5.80	20.0	6.66	23.3	7.54	25.0	7.99	28.3	8.91	31.7	9.86	35.0	10.84
	43.0	16.7	6.27	20.0	7.22	23.3	8.20	25.0	8.70	28.3	9.72	31.7	10.77	35.0	11.85
	46.0	16.5	6.70	19.8	7.75	23.1	8.82	24.8	9.36	28.1	10.48	31.4	11.63	34.7	12.80
	52.0	12.3	6.08	12.5	5.81	12.8	5.57	12.9	5.47	13.3	5.28	13.7	5.12	14.2	4.98

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-10.0	13.3	1.84	16.0	2.20	18.7	2.57	20.0	2.75	22.7	3.12	25.3	3.48	28.0	3.85
	-5.0	13.3	1.84	16.0	2.21	18.7	2.57	20.0	2.76	22.7	3.12	25.3	3.49	28.0	3.85
	0.0	13.3	1.85	16.0	2.22	18.7	2.58	20.0	2.77	22.7	3.13	25.3	3.50	28.0	3.87
	5.0	13.3	1.86	16.0	2.23	18.7	2.59	20.0	2.78	22.7	3.15	25.3	3.51	28.0	3.88
	10.0	13.3	1.87	16.0	2.24	18.7	2.61	20.0	2.79	22.7	3.17	25.3	3.53	28.0	3.90
	15.0	13.3	1.89	16.0	2.26	18.7	2.64	20.0	2.82	22.7	3.20	25.3	3.57	28.0	3.94
	20.0	13.3	1.93	16.0	2.31	18.7	2.68	20.0	2.87	22.7	3.24	25.3	3.62	28.0	4.00
	25.0	13.3	2.01	16.0	2.43	18.7	2.88	20.0	3.09	22.7	3.59	25.3	4.08	28.0	4.58
	30.0	13.3	3.82	16.0	4.24	18.7	4.67	20.0	4.89	22.7	5.34	25.3	5.80	28.0	6.28
	35.0	13.3	4.36	16.0	4.89	18.7	5.43	20.0	5.69	22.7	6.27	25.3	6.84	28.0	7.43
	40.0	13.3	4.94	16.0	5.58	18.7	6.24	20.0	6.58	22.7	7.26	25.3	7.95	28.0	8.66
	43.0	13.3	5.31	16.0	6.03	18.7	6.76	20.0	7.13	22.7	7.89	25.3	8.66	28.0	9.45
	46.0	13.2	5.65	15.8	6.44	18.5	7.25	19.8	7.66	22.4	8.49	25.1	9.33	27.7	10.19
	52.0	10.8	5.64	12.3	6.07	12.4	5.77	12.5	5.64	12.7	5.39	12.9	5.17	13.2	4.97

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-10.0	10.0	1.38	12.0	1.66	14.0	1.93	15.0	2.07	17.0	2.34	19.0	2.62	21.0	2.89
	-5.0	10.0	1.39	12.0	1.66	14.0	1.94	15.0	2.07	17.0	2.35	19.0	2.62	21.0	2.90
	0.0	10.0	1.39	12.0	1.67	14.0	1.94	15.0	2.08	17.0	2.35	19.0	2.63	21.0	2.90
	5.0	10.0	1.40	12.0	1.68	14.0	1.95	15.0	2.09	17.0	2.36	19.0	2.64	21.0	2.92
	10.0	10.0	1.41	12.0	1.69	14.0	1.96	15.0	2.10	17.0	2.38	19.0	2.66	21.0	2.93
	15.0	10.0	1.42	12.0	1.70	14.0	1.98	15.0	2.12	17.0	2.40	19.0	2.68	21.0	2.96
	20.0	10.0	1.45	12.0	1.73	14.0	2.02	15.0	2.16	17.0	2.44	19.0	2.72	21.0	3.01
	25.0	10.0	1.52	12.0	1.81	14.0	2.09	15.0	2.23	17.0	2.55	19.0	2.86	21.0	3.19
	30.0	10.0	3.30	12.0	3.58	14.0	3.88	15.0	4.03	17.0	4.33	19.0	4.64	21.0	4.95
	35.0	10.0	3.69	12.0	4.06	14.0	4.44	15.0	4.62	17.0	5.01	19.0	5.40	21.0	5.79
	40.0	10.0	4.12	12.0	4.58	14.0	5.04	15.0	5.27	17.0	5.74	19.0	6.21	21.0	6.69
	43.0	10.0	4.39	12.0	4.90	14.0	5.42	15.0	5.68	17.0	6.20	19.0	6.73	21.0	7.26
	46.0	9.9	4.65	11.9	5.21	13.9	5.78	14.9	6.06	16.8	6.64	18.8	7.22	20.8	7.80
	52.0	8.1	4.64	9.7	5.20	11.3	5.77	12.2	6.05	12.3	5.80	12.4	5.50	12.5	5.24

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

1-12. U-18ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-24.9	-25.0	28.7	13.11	27.9	12.93	26.4	12.53	25.6	12.32	23.2	11.60	21.5	11.07	17.2	9.50
	-19.8	-20.0	33.5	13.59	32.6	13.38	30.9	12.93	29.9	12.69	27.2	11.90	25.2	11.32	20.2	9.65
	-14.7	-15.0	38.8	14.25	37.8	14.01	35.8	13.50	34.8	13.23	31.6	12.35	29.4	11.72	23.7	9.93
	-9.6	-10.0	45.1	15.21	44.0	14.94	41.7	14.36	40.5	14.05	36.9	13.08	34.4	12.37	27.7	10.41
	-4.4	-5.0	52.4	16.50	51.2	16.16	48.5	15.43	47.2	15.13	43.0	14.01	40.1	13.21	32.3	11.00
	-1.8	-2.5	56.5	17.18	55.1	16.85	52.3	16.14	50.8	15.76	46.3	14.56	43.2	13.70	34.8	11.36
	0.8	0.0	60.7	17.64	59.2	17.29	56.2	16.54	54.6	16.15	49.8	14.90	46.4	14.01	37.6	11.61
	2.8	2.0	64.2	17.92	62.8	17.60	59.6	16.83	57.9	16.43	52.9	15.15	49.1	14.11	37.9	10.95
	6.0	5.0	69.0	17.92	66.9	17.33	62.4	16.08	60.2	15.47	53.5	13.70	49.1	12.56	37.9	9.82
	7.0	6.0	69.1	17.18	66.9	16.58	62.4	15.40	60.2	14.82	53.5	13.14	49.1	12.06	37.9	9.46
	8.6	7.5	69.1	16.03	66.9	15.48	62.4	14.40	60.2	13.87	53.5	12.32	49.1	11.32	37.9	8.92
	11.2	10.0	69.1	14.19	66.9	13.72	62.4	12.80	60.2	12.34	53.5	11.02	49.1	10.16	37.9	8.08
	16.4	15.0	69.1	10.93	66.9	10.60	62.4	9.96	60.2	9.64	53.5	8.70	49.1	8.09	37.9	6.58
	24.0	18.0	69.1	9.62	66.9	9.36	62.4	8.84	60.2	8.58	53.5	7.80	49.1	7.27	37.9	5.97

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-24.9	-25.0	28.6	12.99	27.9	12.80	26.3	12.42	25.5	12.20	23.1	11.50	21.4	10.97	17.1	9.42
	-19.8	-20.0	33.4	13.47	32.5	13.26	30.8	12.81	29.8	12.57	27.1	11.79	25.1	11.21	20.1	9.57
	-14.7	-15.0	38.8	14.13	37.8	13.89	35.7	13.38	34.7	13.12	31.5	12.25	29.3	11.62	23.6	9.85
	-9.6	-10.0	45.0	15.09	43.9	14.82	41.6	14.25	40.4	13.95	36.8	12.98	34.3	12.28	27.6	10.33
	-4.4	-5.0	52.4	16.42	51.1	16.09	48.5	15.38	47.1	15.01	42.9	13.91	40.0	13.11	32.2	10.92
	-1.8	-2.5	56.4	17.03	55.0	16.70	52.2	16.00	50.7	15.62	46.2	14.44	43.0	13.59	34.7	11.28
	0.8	0.0	60.7	17.45	59.2	17.10	56.1	16.37	54.5	15.98	49.7	14.75	46.3	13.87	37.0	11.33
	2.8	2.0	64.3	17.77	62.7	17.40	59.5	16.64	57.9	16.25	52.3	14.77	47.9	13.54	37.0	10.57
	6.0	5.0	67.5	17.04	65.3	16.46	61.0	15.31	58.8	14.75	52.3	13.11	47.9	12.05	37.0	9.48
	7.0	6.0	67.5	16.29	65.3	15.74	61.0	14.66	58.8	14.13	52.3	12.57	47.9	11.56	37.0	9.13
	8.6	7.5	67.5	15.19	65.3	14.69	61.0	13.70	58.8	13.21	52.3	11.78	47.9	10.86	37.0	8.62
	11.2	10.0	67.5	13.44	65.3	13.02	61.0	12.17	58.8	11.76	52.3	10.54	47.9	9.74	37.0	7.80
	16.4	15.0	67.5	10.33	65.3	10.04	61.0	9.46	58.8	9.17	52.3	8.32	47.9	7.76	37.0	6.36
	24.0	18.0	67.5	9.44	65.3	9.18	61.0	8.67	58.8	8.42	52.3	7.65	47.9	7.14	37.0	5.86

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-24.9	-25.0	28.5	12.86	27.8	12.68	26.2	12.29	25.4	12.09	23.0	11.39	21.3	10.87	17.0	9.34
	-19.8	-20.0	33.3	13.34	32.5	13.13	30.7	12.69	29.8	12.46	27.0	11.69	25.0	11.12	20.0	9.49
	-14.7	-15.0	38.7	14.01	37.7	13.78	35.7	13.27	34.6	13.01	31.4	12.15	29.2	11.53	23.5	9.77
	-9.6	-10.0	45.0	14.98	43.8	14.71	41.5	14.14	40.4	13.84	36.7	12.88	34.2	12.19	27.5	10.25
	-4.4	-5.0	52.4	16.31	51.1	15.99	48.4	15.31	47.0	14.95	42.8	13.78	39.9	12.95	32.1	10.84
	-1.8	-2.5	56.4	16.86	55.0	16.53	52.1	15.85	50.6	15.48	46.1	14.32	42.9	13.48	34.5	11.19
	0.8	0.0	60.6	17.26	59.1	16.92	56.0	16.19	54.4	15.81	49.6	14.60	46.2	13.74	36.1	10.94
	2.8	2.0	64.2	17.57	62.7	17.22	59.4	16.47	57.4	15.91	51.0	14.14	46.8	12.98	36.1	10.21
	6.0	5.0	65.9	16.16	63.8	15.62	59.5	14.58	57.4	14.06	51.0	12.54	46.8	11.55	36.1	9.15
	7.0	6.0	65.9	15.44	63.8	14.94	59.5	13.95	57.4	13.46	51.0	12.02	46.8	11.09	36.1	8.81
	8.6	7.5	65.9	14.39	63.8	13.93	59.5	13.03	57.4	12.58	51.0	11.27	46.8	10.41	36.1	8.32
	11.2	10.0	65.9	12.73	63.8	12.34	59.5	11.58	57.4	11.20	51.0	10.08	46.8	9.34	36.1	7.54
	16.4	15.0	65.9	9.76	63.8	9.50	59.5	8.98	57.4	8.73	51.0	7.95	46.8	7.44	36.1	6.15
	24.0	18.0	65.9	9.25	63.8	9.00	59.5	8.50	57.4	8.25	51.0	7.50	46.8	7.01	36.1	5.76

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-24.9	-25.0	28.5	12.74	27.7	12.56	26.1	12.18	25.3	11.98	22.9	11.29	21.3	10.78	16.9	9.26
	-19.8	-20.0	33.3	13.22	32.4	13.02	30.6	12.58	29.7	12.34	26.9	11.58	24.9	11.02	19.9	9.41
	-14.7	-15.0	38.6	13.90	37.6	13.66	35.6	13.17	34.5	12.90	31.3	12.05	29.1	11.43	23.4	9.70
	-9.6	-10.0	44.9	14.88	43.8	14.61	41.5	14.04	40.3	13.75	36.6	12.79	34.1	12.10	27.4	10.18
	-4.4	-5.0	52.3	16.20	51.0	15.88	48.3	15.22	47.0	14.87	42.7	13.73	39.8	12.91	32.0	10.76
	-1.8	-2.5	56.4	16.69	54.9	16.37	52.0	15.69	50.6	15.33	46.0	14.19	42.8	13.36	34.4	11.10
	0.8	0.0	60.6	17.07	59.1	16.73	55.9	16.02	54.4	15.65	49.5	14.45	45.6	13.41	35.3	10.55
	2.8	2.0	64.2	17.39	62.2	16.85	58.1	15.72	56.0	15.16	49.8	13.52	45.6	12.45	35.3	9.85
	6.0	5.0	64.3	15.31	62.2	14.82	58.1	13.87	56.0	13.39	49.8	11.99	45.6	11.06	35.3	8.82
	7.0	6.0	64.3	14.63	62.2	14.17	58.1	13.26	56.0	12.80	49.8	11.48	45.6	10.61	35.3	8.49
	8.6	7.5	64.3	13.60	62.2	13.19	58.1	12.36	56.0	11.96	49.8	10.75	45.6	9.96	35.3	8.02
	11.2	10.0	64.3	12.02	62.2	11.67	58.1	10.99	56.0	10.64	49.8	9.63	45.6	8.96	35.3	7.29
	16.4	15.0	64.3	9.24	62.2	9.01	58.1	8.54	56.0	8.31	49.8	7.59	45.6	7.11	35.3	5.87
	24.0	18.0	64.3	9.06	62.2	8.82	58.1	8.33	56.0	8.09	49.8	7.36	45.6	6.87	35.3	5.66

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-18ME2E8 (Heating) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-24.9	-25.0	28.2	12.33	27.4	12.16	25.9	11.79	25.1	11.59	22.6	10.93	21.0	10.44	16.6	8.99
	-19.8	-20.0	33.0	12.81	32.1	12.62	30.3	12.19	29.4	11.97	26.6	11.23	24.6	10.68	19.6	9.14
	-14.7	-15.0	38.5	13.52	37.4	13.28	35.4	12.80	34.3	12.54	31.1	11.72	28.8	11.12	23.0	9.43
	-9.6	-10.0	44.8	14.52	43.7	14.25	41.3	13.70	40.1	13.40	36.4	12.46	33.8	11.79	27.1	9.91
	-4.4	-5.0	52.3	15.69	50.9	15.41	48.2	14.80	46.8	14.47	42.4	13.42	39.4	12.65	31.6	10.51
	-1.8	-2.5	56.3	16.07	54.8	15.77	51.9	15.13	50.3	14.79	44.8	13.33	41.1	12.35	31.7	9.90
	0.8	0.0	57.9	15.24	56.0	14.80	52.3	13.92	50.4	13.49	44.8	12.18	41.1	11.30	31.7	9.12
	2.8	2.0	57.9	14.03	56.0	13.64	52.3	12.85	50.4	12.46	44.8	11.29	41.1	10.50	31.7	8.57
	6.0	5.0	57.9	12.38	56.0	12.08	52.3	11.47	50.4	11.16	44.8	10.19	41.1	9.51	31.7	7.74
	7.0	6.0	57.9	12.09	56.0	11.76	52.3	11.10	50.4	10.77	44.8	9.78	41.1	9.12	31.7	7.46
	8.6	7.5	57.9	11.23	56.0	10.94	52.3	10.35	50.4	10.05	44.8	9.16	41.1	8.57	31.7	7.05
	11.2	10.0	57.9	9.90	56.0	9.66	52.3	9.18	50.4	8.94	44.8	8.20	41.1	7.70	31.7	6.41
	16.4	15.0	57.9	8.31	56.0	8.09	52.3	7.65	50.4	7.43	44.8	6.78	41.1	6.34	31.7	5.24
	24.0	18.0	57.9	8.31	56.0	8.09	52.3	7.65	50.4	7.43	44.8	6.78	41.1	6.34	31.7	5.24

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-24.9	-25.0	28.2	12.05	27.4	11.89	25.8	11.53	25.0	11.33	22.5	10.69	20.8	10.21	16.5	8.81
	-19.8	-20.0	33.1	12.56	32.2	12.36	30.3	11.94	29.4	11.72	26.5	11.00	24.5	10.47	19.5	8.96
	-14.7	-15.0	38.6	13.29	37.5	13.06	35.4	12.58	34.3	12.32	31.0	11.51	28.8	10.91	22.9	9.26
	-9.6	-10.0	45.1	14.37	43.9	14.07	41.5	13.50	40.2	13.21	36.4	12.27	33.8	11.60	26.9	9.75
	-4.4	-5.0	51.4	14.80	49.8	14.42	46.5	13.65	44.8	13.26	39.8	12.07	36.5	11.26	28.2	9.19
	-1.8	-2.5	51.4	13.47	49.8	13.14	46.5	12.46	44.8	12.12	39.8	11.07	36.5	10.35	28.2	8.53
	0.8	0.0	51.4	12.17	49.8	11.91	46.5	11.36	44.8	11.07	39.8	10.19	36.5	9.57	28.2	7.93
	2.8	2.0	51.4	11.35	49.8	11.11	46.5	10.61	44.8	10.36	39.8	9.55	36.5	8.98	28.2	7.47
	6.0	5.0	51.4	10.19	49.8	9.98	46.5	9.55	44.8	9.32	39.8	8.61	36.5	8.10	28.2	6.74
	7.0	6.0	51.4	9.87	49.8	9.65	46.5	9.20	44.8	8.97	39.8	8.26	36.5	7.78	28.2	6.51
	8.6	7.5	51.4	9.16	49.8	8.97	46.5	8.57	44.8	8.37	39.8	7.74	36.5	7.31	28.2	6.16
	11.2	10.0	51.4	8.05	49.8	7.90	46.5	7.59	44.8	7.43	39.8	6.93	36.5	6.57	28.2	5.61
	16.4	15.0	51.4	7.55	49.8	7.36	46.5	6.97	44.8	6.78	39.8	6.19	36.5	5.80	28.2	4.83
	24.0	18.0	51.4	7.55	49.8	7.36	46.5	6.97	44.8	6.78	39.8	6.19	36.5	5.80	28.2	4.83

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-24.9	-25.0	28.6	12.01	27.8	11.84	26.2	11.48	25.3	11.29	22.8	10.65	21.1	10.17	16.6	8.77
	-19.8	-20.0	33.6	12.55	32.7	12.35	30.8	11.92	29.8	11.70	26.8	10.97	24.8	10.44	19.6	8.93
	-14.7	-15.0	39.3	13.32	38.2	13.09	36.0	12.60	34.9	12.34	31.5	11.51	29.2	10.91	23.1	9.25
	-9.6	-10.0	45.0	14.03	43.6	13.69	40.7	13.00	39.2	12.64	34.8	11.49	31.9	10.75	24.7	8.82
	-4.4	-5.0	45.0	11.82	43.6	11.58	40.7	11.10	39.2	10.84	34.8	10.04	31.9	9.47	24.7	7.92
	-1.8	-2.5	45.0	10.89	43.6	10.69	40.7	10.25	39.2	10.02	34.8	9.30	31.9	8.79	24.7	7.38
	0.8	0.0	45.0	9.98	43.6	9.80	40.7	9.42	39.2	9.22	34.8	8.58	31.9	8.12	24.7	6.87
	2.8	2.0	45.0	9.29	43.6	9.12	40.7	8.79	39.2	8.61	34.8	8.03	31.9	7.61	24.7	6.46
	6.0	5.0	45.0	8.29	43.6	8.15	40.7	7.86	39.2	7.71	34.8	7.21	31.9	6.84	24.7	5.81
	7.0	6.0	45.0	7.95	43.6	7.81	40.7	7.53	39.2	7.38	34.8	6.91	31.9	6.57	24.7	5.64
	8.6	7.5	45.0	7.37	43.6	7.25	40.7	7.01	39.2	6.88	34.8	6.47	31.9	6.17	24.7	5.34
	11.2	10.0	45.0	6.80	43.6	6.63	40.7	6.29	39.2	6.12	34.8	5.79	31.9	5.56	24.7	4.87
	16.4	15.0	45.0	6.80	43.6	6.63	40.7	6.29	39.2	6.12	34.8	5.61	31.9	5.27	24.7	4.42
	24.0	18.0	45.0	6.80	43.6	6.63	40.7	6.29	39.2	6.12	34.8	5.61	31.9	5.27	24.7	4.42

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-24.9	-25.0	29.8	12.34	29.0	12.17	27.2	11.79	26.3	11.58	23.7	10.92	21.8	10.42	17.2	8.98
	-19.8	-20.0	35.1	12.93	34.1	12.71	32.1	12.27	31.0	12.03	27.9	11.27	25.8	10.72	20.3	9.15
	-14.7	-15.0	38.6	12.77	37.3	12.49	34.8	11.90	33.6	11.61	29.9	10.68	27.4	10.05	21.2	8.36
	-9.6	-10.0	38.6	11.22	37.3	11.03	34.8	10.61	33.6	10.38	29.9	9.66	27.4	9.13	21.2	7.58
	-4.4	-5.0	38.6	9.64	37.3	9.48	34.8	9.15	33.6	8.97	29.9	8.39	27.4	7.97	21.2	6.78
	-1.8	-2.5	38.6	8.85	37.3	8.72	34.8	8.43	33.6	8.27	29.9	7.76	27.4	7.39	21.2	6.33
	0.8	0.0	38.6	8.09	37.3	7.98	34.8	7.73	33.6	7.60	29.9	7.16	27.4	6.83	21.2	5.89
	2.8	2.0	38.6	7.51	37.3	7.41	34.8	7.20	33.6	7.08	29.9	6.69	27.4	6.40	21.2	5.55
	6.0	5.0	38.6	6.63	37.3	6.55	34.8	6.37	33.6	6.28	29.9	5.95	27.4	5.71	21.2	4.97
	7.0	6.0	38.6	6.31	37.3	6.24	34.8	6.08	33.6	6.00	29.9	5.71	27.4	5.49	21.2	4.84
	8.6	7.5	38.6	6.05	37.3	5.90	34.8	5.67	33.6	5.60	29.9	5.36	27.4	5.17	21.2	4.59
	11.2	10.0	38.6	6.05	37.3	5.90	34.8	5.61	33.6	5.46	29.9	5.03	27.4	4.73	21.2	4.20
	16.4	15.0	38.6	6.05	37.3	5.90	34.8	5.61	33.6	5.46	29.9	5.03	27.4	4.73	21.2	4.01
	24.0	18.0	38.6	6.05	37.3	5.90	34.8	5.61	33.6	5.46	29.9	5.03	27.4	4.73	21.2	4.01

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-18ME2E8 (Heating) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-24.9	-25.0	32.1	13.19	31.1	12.95	29.0	12.44	28.0	12.18	24.9	11.34	22.8	10.74	17.6	9.09
	-19.8	-20.0	32.1	11.43	31.1	11.21	29.0	10.76	28.0	10.52	24.9	9.79	22.8	9.27	17.6	7.86
	-14.7	-15.0	32.1	10.39	31.1	10.21	29.0	9.78	28.0	9.53	24.9	8.84	22.8	8.35	17.6	7.06
	-9.6	-10.0	32.1	9.04	31.1	8.91	29.0	8.62	28.0	8.47	24.9	7.96	22.8	7.59	17.6	6.49
	-4.4	-5.0	32.1	7.73	31.1	7.63	29.0	7.42	28.0	7.30	24.9	6.91	22.8	6.61	17.6	5.74
	-1.8	-2.5	32.1	7.09	31.1	7.01	29.0	6.83	28.0	6.73	24.9	6.39	22.8	6.13	17.6	5.36
	0.8	0.0	32.1	6.47	31.1	6.40	29.0	6.26	28.0	6.18	24.9	5.89	22.8	5.67	17.6	4.99
	2.8	2.0	32.1	5.98	31.1	5.93	29.0	5.80	28.0	5.73	24.9	5.48	22.8	5.28	17.6	4.68
	6.0	5.0	32.1	5.29	31.1	5.17	29.0	5.08	28.0	5.03	24.9	4.86	22.8	4.71	17.6	4.23
	7.0	6.0	32.1	5.29	31.1	5.17	29.0	4.93	28.0	4.81	24.9	4.67	22.8	4.54	17.6	4.11
	8.6	7.5	32.1	5.29	31.1	5.17	29.0	4.93	28.0	4.81	24.9	4.44	22.8	4.28	17.6	3.92
	11.2	10.0	32.1	5.29	31.1	5.17	29.0	4.93	28.0	4.81	24.9	4.44	22.8	4.20	17.6	3.60
	16.4	15.0	32.1	5.29	31.1	5.17	29.0	4.93	28.0	4.81	24.9	4.44	22.8	4.20	17.6	3.59
	24.0	18.0	32.1	5.29	31.1	5.17	29.0	4.93	28.0	4.81	24.9	4.44	22.8	4.20	17.6	3.59

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-24.9	-25.0	25.7	10.16	24.9	9.99	23.2	9.65	22.4	9.47	19.9	8.89	18.3	8.48	14.1	7.30
	-19.8	-20.0	25.7	9.10	24.9	8.94	23.2	8.60	22.4	8.43	19.9	7.89	18.3	7.50	14.1	6.45
	-14.7	-15.0	25.7	8.18	24.9	8.07	23.2	7.83	22.4	7.70	19.9	7.20	18.3	6.82	14.1	5.84
	-9.6	-10.0	25.7	7.10	24.9	7.02	23.2	6.85	22.4	6.75	19.9	6.41	18.3	6.15	14.1	5.38
	-4.4	-5.0	25.7	6.06	24.9	6.01	23.2	5.89	22.4	5.82	19.9	5.57	18.3	5.37	14.1	4.76
	-1.8	-2.5	25.7	5.56	24.9	5.52	23.2	5.43	22.4	5.37	19.9	5.15	18.3	4.98	14.1	4.45
	0.8	0.0	25.7	5.02	24.9	4.99	23.2	4.92	22.4	4.88	19.9	4.72	18.3	4.58	14.1	4.14
	2.8	2.0	25.7	4.59	24.9	4.58	23.2	4.54	22.4	4.51	19.9	4.38	18.3	4.28	14.1	3.90
	6.0	5.0	25.7	4.54	24.9	4.44	23.2	4.25	22.4	4.15	19.9	3.92	18.3	3.84	14.1	3.56
	7.0	6.0	25.7	4.54	24.9	4.44	23.2	4.25	22.4	4.15	19.9	3.86	18.3	3.71	14.1	3.46
	8.6	7.5	25.7	4.54	24.9	4.44	23.2	4.25	22.4	4.15	19.9	3.86	18.3	3.67	14.1	3.31
	11.2	10.0	25.7	4.54	24.9	4.44	23.2	4.25	22.4	4.15	19.9	3.86	18.3	3.67	14.1	3.18
	16.4	15.0	25.7	4.54	24.9	4.44	23.2	4.25	22.4	4.15	19.9	3.86	18.3	3.67	14.1	3.18
	24.0	18.0	25.7	4.54	24.9	4.44	23.2	4.25	22.4	4.15	19.9	3.86	18.3	3.67	14.1	3.18

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-24.9	-25.0	19.3	7.68	18.7	7.57	17.4	7.34	16.8	7.22	14.9	6.82	13.7	6.54	10.6	5.72
	-19.8	-20.0	19.3	6.99	18.7	6.86	17.4	6.62	16.8	6.50	14.9	6.13	13.7	5.86	10.6	5.11
	-14.7	-15.0	19.3	6.18	18.7	6.12	17.4	5.98	16.8	5.90	14.9	5.63	13.7	5.40	10.6	4.68
	-9.6	-10.0	19.3	5.38	18.7	5.34	17.4	5.25	16.8	5.19	14.9	4.99	13.7	4.82	10.6	4.31
	-4.4	-5.0	19.3	4.57	18.7	4.55	17.4	4.49	16.8	4.46	14.9	4.32	13.7	4.21	10.6	3.83
	-1.8	-2.5	19.3	4.16	18.7	4.15	17.4	4.12	16.8	4.10	14.9	4.00	13.7	3.91	10.6	3.59
	0.8	0.0	19.3	3.79	18.7	3.77	17.4	3.76	16.8	3.75	14.9	3.69	13.7	3.62	10.6	3.37
	2.8	2.0	19.3	3.79	18.7	3.71	17.4	3.57	16.8	3.50	14.9	3.45	13.7	3.40	10.6	3.20
	6.0	5.0	19.3	3.79	18.7	3.71	17.4	3.57	16.8	3.50	14.9	3.28	13.7	3.13	10.6	2.95
	7.0	6.0	19.3	3.79	18.7	3.71	17.4	3.57	16.8	3.50	14.9	3.28	13.7	3.13	10.6	2.88
	8.6	7.5	19.3	3.79	18.7	3.71	17.4	3.57	16.8	3.50	14.9	3.28	13.7	3.13	10.6	2.77
	11.2	10.0	19.3	3.79	18.7	3.71	17.4	3.57	16.8	3.50	14.9	3.28	13.7	3.13	10.6	2.77
	16.4	15.0	19.3	3.79	18.7	3.71	17.4	3.57	16.8	3.50	14.9	3.28	13.7	3.13	10.6	2.77
	24.0	18.0	19.3	3.79	18.7	3.71	17.4	3.57	16.8	3.50	14.9	3.28	13.7	3.13	10.6	2.77

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

1-13. U-20ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-10.0	48.5	7.04	58.2	8.45	60.2	8.75	60.2	8.75	68.2	9.92	76.3	11.08	84.3	12.24
	-5.0	48.5	7.05	58.2	8.46	60.2	8.77	60.2	8.77	68.2	9.94	76.3	11.10	84.3	12.26
	0.0	48.5	7.07	58.2	8.48	60.2	8.80	60.2	8.80	68.2	9.96	76.3	11.13	84.3	12.28
	5.0	48.5	7.09	58.2	8.51	60.2	8.82	60.2	8.82	68.2	10.00	76.3	11.18	84.3	12.35
	10.0	48.5	7.13	58.2	8.54	60.2	8.89	60.2	8.89	68.2	10.13	76.3	11.37	84.3	12.56
	15.0	48.5	7.18	58.2	8.66	60.2	9.19	60.2	9.19	68.2	10.55	76.3	11.88	84.3	13.11
	20.0	48.5	7.54	58.2	9.27	60.2	10.16	60.2	10.16	68.2	11.76	76.3	13.62	84.3	15.66
	25.0	48.5	9.30	58.2	11.34	60.2	12.58	60.2	12.58	68.2	14.70	76.3	16.99	84.3	19.46
	30.0	48.5	11.41	58.2	13.92	60.2	15.33	60.2	15.33	68.2	17.87	76.3	20.61	84.1	23.38
	35.0	48.5	13.67	58.2	16.69	60.2	18.28	60.2	18.28	68.2	21.30	74.5	23.38	77.6	23.38
	40.0	48.5	16.11	58.2	19.68	60.2	21.48	60.2	21.48	65.8	23.38	68.7	23.38	71.7	23.38
	43.0	48.5	17.66	58.2	21.59	59.8	23.31	59.8	23.31	62.6	23.38	64.5	22.51	66.2	21.56
	46.0	48.0	17.75	48.3	17.75	48.3	17.75	48.3	17.75	50.0	17.12	52.0	16.65	54.3	16.30
	52.0	20.2	7.60	21.4	7.60	21.4	7.60	21.4	7.60	23.8	7.83	26.4	8.08	29.2	8.34

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-10.0	44.8	6.50	53.8	7.80	58.8	8.55	58.8	8.55	66.6	9.69	74.5	10.83	82.3	11.96
	-5.0	44.8	6.52	53.8	7.82	58.8	8.57	58.8	8.57	66.6	9.71	74.5	10.85	82.3	11.98
	0.0	44.8	6.53	53.8	7.84	58.8	8.59	58.8	8.59	66.6	9.73	74.5	10.87	82.3	12.00
	5.0	44.8	6.56	53.8	7.87	58.8	8.62	58.8	8.62	66.6	9.76	74.5	10.92	82.3	12.06
	10.0	44.8	6.59	53.8	7.90	58.8	8.68	58.8	8.68	66.6	9.88	74.5	11.10	82.3	12.27
	15.0	44.8	6.64	53.8	8.01	58.8	8.95	58.8	8.95	66.6	10.27	74.5	11.61	82.3	12.80
	20.0	44.8	6.97	53.8	8.57	58.8	9.87	58.8	9.87	66.6	11.42	74.5	13.15	82.3	15.10
	25.0	44.8	8.68	53.8	10.53	58.8	12.21	58.8	12.21	66.6	14.23	74.5	16.43	82.3	18.79
	30.0	44.8	10.62	53.8	12.91	58.8	14.88	58.8	14.88	66.6	17.32	74.5	19.94	82.3	22.75
	35.0	44.8	12.70	53.8	15.46	58.8	17.75	58.8	17.75	66.6	20.65	73.9	23.38	77.0	23.38
	40.0	44.8	14.95	53.8	18.21	58.8	20.86	58.8	20.86	65.3	23.38	68.2	23.38	71.1	23.38
	43.0	44.8	16.38	53.8	19.96	58.8	22.85	58.8	22.85	62.2	23.37	64.2	22.65	65.7	21.63
	46.0	44.4	17.72	48.1	17.80	48.1	17.80	48.1	17.80	49.6	17.13	51.5	16.61	53.7	16.22
	52.0	18.9	7.50	20.7	7.50	21.0	7.50	21.0	7.50	23.3	7.70	25.8	7.93	28.5	8.16

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-10.0	41.1	5.97	49.3	7.16	57.4	8.35	57.4	8.35	65.1	9.46	72.7	10.57	80.4	11.67
	-5.0	41.1	5.98	49.3	7.17	57.4	8.36	57.4	8.36	65.1	9.48	72.7	10.59	80.4	11.70
	0.0	41.1	6.00	49.3	7.19	57.4	8.39	57.4	8.39	65.1	9.50	72.7	10.62	80.4	11.72
	5.0	41.1	6.02	49.3	7.22	57.4	8.42	57.4	8.42	65.1	9.53	72.7	10.66	80.4	11.78
	10.0	41.1	6.05	49.3	7.26	57.4	8.47	57.4	8.47	65.1	9.63	72.7	10.83	80.4	11.97
	15.0	41.1	6.10	49.3	7.35	57.4	8.71	57.4	8.71	65.1	9.99	72.7	11.30	80.4	12.50
	20.0	41.1	6.40	49.3	7.87	57.4	9.58	57.4	9.58	65.1	11.09	72.7	12.70	80.4	14.56
	25.0	41.1	8.07	49.3	9.74	57.4	11.84	57.4	11.84	65.1	13.78	72.7	15.88	80.4	18.14
	30.0	41.1	9.84	49.3	11.91	57.4	14.44	57.4	14.44	65.1	16.78	72.7	19.29	80.4	21.98
	35.0	41.1	11.75	49.3	14.24	57.4	17.22	57.4	17.22	65.1	20.01	72.7	22.97	76.3	23.38
	40.0	41.1	13.80	49.3	16.75	57.4	20.24	57.4	20.24	64.6	23.26	67.6	23.37	70.5	23.38
	43.0	41.1	15.10	49.3	18.35	57.4	22.17	57.4	22.17	61.7	23.38	63.9	22.81	65.3	21.73
	46.0	40.7	16.33	47.8	17.87	47.8	17.87	47.8	17.87	49.2	17.15	51.0	16.59	53.1	16.15
	52.0	17.5	7.39	19.1	7.39	20.6	7.39	20.6	7.39	22.7	7.58	25.1	7.78	27.7	7.99

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-10.0	37.3	5.43	44.8	6.52	52.3	7.60	56.0	8.14	63.5	9.23	70.9	10.31	78.4	11.39
	-5.0	37.3	5.45	44.8	6.53	52.3	7.62	56.0	8.16	63.5	9.25	70.9	10.33	78.4	11.41
	0.0	37.3	5.46	44.8	6.55	52.3	7.64	56.0	8.18	63.5	9.27	70.9	10.36	78.4	11.44
	5.0	37.3	5.48	44.8	6.58	52.3	7.67	56.0	8.21	63.5	9.30	70.9	10.40	78.4	11.49
	10.0	37.3	5.52	44.8	6.61	52.3	7.70	56.0	8.26	63.5	9.39	70.9	10.55	78.4	11.68
	15.0	37.3	5.56	44.8	6.69	52.3	7.87	56.0	8.48	63.5	9.72	70.9	10.99	78.4	12.19
	20.0	37.3	5.83	44.8	7.17	52.3	8.58	56.0	9.29	63.5	10.75	70.9	12.26	78.4	14.02
	25.0	37.3	7.48	44.8	8.97	52.3	10.60	56.0	11.48	63.5	13.33	70.9	15.34	78.4	17.49
	30.0	37.3	9.08	44.8	10.93	52.3	12.94	56.0	14.00	63.5	16.24	70.9	18.65	78.4	21.22
	35.0	37.3	10.81	44.8	13.04	52.3	15.45	56.0	16.70	63.5	19.38	70.9	22.22	75.6	23.38
	40.0	37.3	12.66	44.8	15.31	52.3	18.15	56.0	19.64	63.5	22.76	67.1	23.38	69.9	23.38
	43.0	37.3	13.85	44.8	16.76	52.3	19.88	56.0	21.51	61.2	23.38	63.6	23.00	64.9	21.85
	46.0	37.0	14.95	44.4	18.13	47.1	18.42	47.6	17.96	48.9	17.19	50.5	16.58	52.4	16.10
	52.0	16.1	7.05	17.5	7.11	19.2	7.22	20.2	7.29	22.2	7.46	24.5	7.64	27.0	7.83

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-20ME2E8 (Cooling) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-10.0	33.6	4.89	40.3	5.87	47.0	6.84	50.4	7.33	57.1	8.31	63.8	9.28	70.6	10.26
	-5.0	33.6	4.90	40.3	5.88	47.0	6.86	50.4	7.35	57.1	8.32	63.8	9.30	70.6	10.28
	0.0	33.6	4.92	40.3	5.90	47.0	6.88	50.4	7.37	57.1	8.35	63.8	9.33	70.6	10.31
	5.0	33.6	4.94	40.3	5.92	47.0	6.90	50.4	7.40	57.1	8.38	63.8	9.35	70.6	10.34
	10.0	33.6	4.97	40.3	5.96	47.0	6.94	50.4	7.43	57.1	8.42	63.8	9.44	70.6	10.48
	15.0	33.6	5.01	40.3	6.00	47.0	7.03	50.4	7.56	57.1	8.65	63.8	9.76	70.6	10.89
	20.0	33.6	5.17	40.3	6.34	47.0	7.55	50.4	8.17	57.1	9.45	63.8	10.75	70.6	12.05
	25.0	33.6	6.59	40.3	8.00	47.0	9.37	50.4	10.10	57.1	11.64	63.8	13.29	70.6	15.06
	30.0	33.6	8.17	40.3	9.75	47.0	11.44	50.4	12.33	57.1	14.21	63.8	16.20	70.6	18.33
	35.0	33.6	9.71	40.3	11.61	47.0	13.65	50.4	14.70	57.1	16.96	63.8	19.34	70.6	21.85
	40.0	33.6	11.36	40.3	13.63	47.0	16.04	50.4	17.30	57.1	19.94	63.8	22.72	67.4	23.38
	43.0	33.6	12.41	40.3	14.91	47.0	17.56	50.4	18.95	57.1	21.85	61.7	23.38	63.5	22.64
	46.0	33.3	13.39	39.9	16.11	46.6	19.01	46.9	18.48	47.7	17.51	48.9	16.71	50.3	16.05
	52.0	15.4	6.90	16.5	6.88	17.9	6.91	18.6	6.93	20.3	7.01	22.1	7.11	24.1	7.22

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-10.0	29.9	4.35	35.8	5.22	41.8	6.09	44.8	6.52	50.8	7.39	56.7	8.25	62.7	9.12
	-5.0	29.9	4.36	35.8	5.23	41.8	6.10	44.8	6.53	50.8	7.40	56.7	8.27	62.7	9.14
	0.0	29.9	4.37	35.8	5.24	41.8	6.12	44.8	6.55	50.8	7.42	56.7	8.29	62.7	9.16
	5.0	29.9	4.39	35.8	5.27	41.8	6.14	44.8	6.58	50.8	7.45	56.7	8.32	62.7	9.19
	10.0	29.9	4.42	35.8	5.30	41.8	6.17	44.8	6.61	50.8	7.48	56.7	8.36	62.7	9.26
	15.0	29.9	4.46	35.8	5.34	41.8	6.22	44.8	6.68	50.8	7.61	56.7	8.57	62.7	9.55
	20.0	29.9	4.55	35.8	5.54	41.8	6.57	44.8	7.09	50.8	8.20	56.7	9.31	62.7	10.44
	25.0	29.9	5.59	35.8	7.02	41.8	8.23	44.8	8.82	50.8	10.08	56.7	11.42	62.7	12.84
	30.0	29.9	7.31	35.8	8.63	41.8	10.03	44.8	10.77	50.8	12.31	56.7	13.95	62.7	15.68
	35.0	29.9	8.66	35.8	10.27	41.8	11.97	44.8	12.83	50.8	14.71	56.7	16.66	62.7	18.72
	40.0	29.9	10.11	35.8	12.03	41.8	14.05	44.8	15.11	50.8	17.30	56.7	19.60	62.7	22.01
	43.0	29.9	11.03	35.8	13.15	41.8	15.38	44.8	16.54	50.8	18.95	56.7	21.48	61.7	23.38
	46.0	29.6	11.89	35.5	14.20	41.4	16.63	44.4	17.89	46.9	18.18	47.6	17.17	48.6	16.31
	52.0	14.8	6.81	15.7	6.71	16.7	6.65	17.3	6.64	18.6	6.64	20.0	6.65	21.6	6.69

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-10.0	26.1	3.81	31.4	4.57	36.6	5.33	39.2	5.71	44.4	6.47	49.7	7.22	54.9	7.98
	-5.0	26.1	3.82	31.4	4.58	36.6	5.34	39.2	5.72	44.4	6.48	49.7	7.24	54.9	8.00
	0.0	26.1	3.83	31.4	4.59	36.6	5.35	39.2	5.73	44.4	6.50	49.7	7.26	54.9	8.02
	5.0	26.1	3.85	31.4	4.61	36.6	5.37	39.2	5.76	44.4	6.52	49.7	7.29	54.9	8.05
	10.0	26.1	3.87	31.4	4.64	36.6	5.41	39.2	5.79	44.4	6.56	49.7	7.32	54.9	8.08
	15.0	26.1	3.90	31.4	4.68	36.6	5.45	39.2	5.83	44.4	6.62	49.7	7.42	54.9	8.25
	20.0	26.1	3.96	31.4	4.78	36.6	5.64	39.2	6.08	44.4	7.00	49.7	7.93	54.9	8.88
	25.0	26.1	4.66	31.4	5.84	36.6	7.05	39.2	7.61	44.4	8.65	49.7	9.71	54.9	10.83
	30.0	26.1	6.50	31.4	7.58	36.6	8.72	39.2	9.32	44.4	10.56	49.7	11.87	54.9	13.25
	35.0	26.1	7.66	31.4	8.99	36.6	10.39	39.2	11.09	44.4	12.62	49.7	14.19	54.9	15.84
	40.0	26.1	8.91	31.4	10.51	36.6	12.18	39.2	13.04	44.4	14.83	49.7	16.70	54.9	18.64
	43.0	26.1	9.71	31.4	11.47	36.6	13.32	39.2	14.27	44.4	16.24	49.7	18.29	54.9	20.43
	46.0	25.9	10.46	31.0	12.38	36.2	14.39	38.8	15.43	44.0	17.57	46.8	18.12	47.3	17.04
	52.0	14.4	6.78	15.0	6.60	15.7	6.47	16.1	6.42	17.1	6.34	18.2	6.29	19.4	6.25

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-10.0	22.4	3.27	26.9	3.92	31.4	4.57	33.6	4.89	38.1	5.54	42.6	6.20	47.0	6.85
	-5.0	22.4	3.28	26.9	3.93	31.4	4.58	33.6	4.90	38.1	5.56	42.6	6.21	47.0	6.86
	0.0	22.4	3.29	26.9	3.94	31.4	4.59	33.6	4.92	38.1	5.57	42.6	6.23	47.0	6.88
	5.0	22.4	3.30	26.9	3.95	31.4	4.61	33.6	4.94	38.1	5.59	42.6	6.25	47.0	6.90
	10.0	22.4	3.32	26.9	3.98	31.4	4.64	33.6	4.96	38.1	5.62	42.6	6.28	47.0	6.94
	15.0	22.4	3.35	26.9	4.01	31.4	4.68	33.6	5.01	38.1	5.66	42.6	6.33	47.0	7.01
	20.0	22.4	3.41	26.9	4.07	31.4	4.77	33.6	5.12	38.1	5.87	42.6	6.63	47.0	7.40
	25.0	22.4	3.80	26.9	4.74	31.4	5.71	33.6	6.16	38.1	7.20	42.6	8.17	47.0	9.02
	30.0	22.4	5.73	26.9	6.60	31.4	7.51	33.6	7.98	38.1	8.96	42.6	9.98	47.0	11.04
	35.0	22.4	6.72	26.9	7.79	31.4	8.91	33.6	9.47	38.1	10.68	42.6	11.92	47.0	13.21
	40.0	22.4	7.78	26.9	9.07	31.4	10.42	33.6	11.11	38.1	12.53	42.6	14.01	47.0	15.54
	43.0	22.4	8.45	26.9	9.89	31.4	11.38	33.6	12.14	38.1	13.72	42.6	15.34	47.0	17.03
	46.0	22.2	9.08	26.6	10.65	31.0	12.28	33.3	13.11	37.7	14.83	42.1	16.60	46.6	18.44
	52.0	14.0	6.84	14.4	6.59	14.9	6.38	15.2	6.30	15.8	6.15	16.6	6.02	17.5	5.92

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-20ME2E8 (Cooling) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-10.0	18.7	2.73	22.4	3.27	26.1	3.81	28.0	4.08	31.7	4.62	35.5	5.17	39.2	5.71
	-5.0	18.7	2.73	22.4	3.28	26.1	3.82	28.0	4.09	31.7	4.63	35.5	5.18	39.2	5.72
	0.0	18.7	2.74	22.4	3.29	26.1	3.83	28.0	4.10	31.7	4.65	35.5	5.19	39.2	5.74
	5.0	18.7	2.75	22.4	3.30	26.1	3.85	28.0	4.12	31.7	4.66	35.5	5.21	39.2	5.76
	10.0	18.7	2.77	22.4	3.32	26.1	3.87	28.0	4.14	31.7	4.69	35.5	5.24	39.2	5.79
	15.0	18.7	2.80	22.4	3.35	26.1	3.90	28.0	4.18	31.7	4.73	35.5	5.28	39.2	5.83
	20.0	18.7	2.84	22.4	3.40	26.1	3.95	28.0	4.23	31.7	4.81	35.5	5.40	39.2	6.01
	25.0	18.7	3.03	22.4	3.74	26.1	4.48	28.0	4.83	31.7	5.63	35.5	6.41	39.2	7.20
	30.0	18.7	5.01	22.4	5.68	26.1	6.38	28.0	6.74	31.7	7.48	35.5	8.25	39.2	9.05
	35.0	18.7	5.83	22.4	6.66	26.1	7.53	28.0	7.96	31.7	8.89	35.5	9.83	39.2	10.81
	40.0	18.7	6.69	22.4	7.71	26.1	8.77	28.0	9.30	31.7	10.40	35.5	11.53	39.2	12.70
	43.0	18.7	7.25	22.4	8.38	26.1	9.55	28.0	10.15	31.7	11.36	35.5	12.62	39.2	13.90
	46.0	18.5	7.77	22.2	9.01	25.9	10.29	27.7	10.94	31.4	12.27	35.1	13.63	38.8	15.04
	52.0	13.8	7.03	14.0	6.70	14.3	6.42	14.5	6.30	14.9	6.08	15.4	5.89	15.9	5.72

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-10.0	14.9	2.19	17.9	2.62	20.9	3.05	22.4	3.27	25.4	3.70	28.4	4.14	31.4	4.57
	-5.0	14.9	2.19	17.9	2.63	20.9	3.06	22.4	3.28	25.4	3.71	28.4	4.15	31.4	4.58
	0.0	14.9	2.20	17.9	2.63	20.9	3.07	22.4	3.29	25.4	3.72	28.4	4.16	31.4	4.59
	5.0	14.9	2.21	17.9	2.64	20.9	3.08	22.4	3.30	25.4	3.74	28.4	4.17	31.4	4.61
	10.0	14.9	2.22	17.9	2.66	20.9	3.10	22.4	3.32	25.4	3.76	28.4	4.20	31.4	4.63
	15.0	14.9	2.24	17.9	2.68	20.9	3.13	22.4	3.34	25.4	3.79	28.4	4.23	31.4	4.67
	20.0	14.9	2.28	17.9	2.73	20.9	3.18	22.4	3.40	25.4	3.84	28.4	4.28	31.4	4.73
	25.0	14.9	2.37	17.9	2.86	20.9	3.39	22.4	3.64	25.4	4.22	28.4	4.79	31.4	5.37
	30.0	14.9	4.34	17.9	4.84	20.9	5.35	22.4	5.61	25.4	6.15	28.4	6.70	31.4	7.26
	35.0	14.9	4.98	17.9	5.61	20.9	6.25	22.4	6.57	25.4	7.25	28.4	7.93	31.4	8.63
	40.0	14.9	5.67	17.9	6.44	20.9	7.22	22.4	7.62	25.4	8.43	28.4	9.26	31.4	10.10
	43.0	14.9	6.10	17.9	6.96	20.9	7.84	22.4	8.28	25.4	9.18	28.4	10.10	31.4	11.04
	46.0	14.8	6.51	17.7	7.46	20.7	8.42	22.2	8.90	25.1	9.89	28.1	10.90	31.0	11.92
	52.0	12.1	6.50	13.8	7.02	13.9	6.66	14.0	6.50	14.2	6.20	14.4	5.94	14.8	5.70

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-10.0	11.2	1.64	13.4	1.97	15.7	2.29	16.8	2.46	19.0	2.78	21.3	3.11	23.5	3.43
	-5.0	11.2	1.65	13.4	1.97	15.7	2.30	16.8	2.46	19.0	2.79	21.3	3.12	23.5	3.44
	0.0	11.2	1.65	13.4	1.98	15.7	2.31	16.8	2.47	19.0	2.80	21.3	3.12	23.5	3.45
	5.0	11.2	1.66	13.4	1.99	15.7	2.32	16.8	2.48	19.0	2.81	21.3	3.14	23.5	3.46
	10.0	11.2	1.67	13.4	2.00	15.7	2.33	16.8	2.49	19.0	2.82	21.3	3.15	23.5	3.48
	15.0	11.2	1.69	13.4	2.02	15.7	2.35	16.8	2.51	19.0	2.85	21.3	3.18	23.5	3.51
	20.0	11.2	1.72	13.4	2.05	15.7	2.39	16.8	2.55	19.0	2.89	21.3	3.23	23.5	3.56
	25.0	11.2	1.79	13.4	2.13	15.7	2.47	16.8	2.63	19.0	3.00	21.3	3.38	23.5	3.76
	30.0	11.2	3.71	13.4	4.05	15.7	4.40	16.8	4.58	19.0	4.94	21.3	5.31	23.5	5.68
	35.0	11.2	4.18	13.4	4.62	15.7	5.07	16.8	5.28	19.0	5.75	21.3	6.21	23.5	6.68
	40.0	11.2	4.69	13.4	5.23	15.7	5.78	16.8	6.06	19.0	6.62	21.3	7.18	23.5	7.75
	43.0	11.2	5.01	13.4	5.62	15.7	6.24	16.8	6.55	19.0	7.17	21.3	7.80	23.5	8.44
	46.0	11.1	5.32	13.3	5.99	15.5	6.66	16.6	7.00	18.8	7.69	21.1	8.38	23.3	9.08
	52.0	9.1	5.31	10.9	5.98	12.7	6.65	13.6	6.99	13.8	6.69	13.9	6.34	14.0	6.02

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

8

1. Capacity of Outdoor Unit

1-14. U-20ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-24.9	-25.0	32.3	16.04	31.4	15.81	29.7	15.33	28.8	15.06	26.1	14.20	24.2	13.55	19.3	11.66
	-19.8	-20.0	37.7	16.63	36.7	16.37	34.7	15.81	33.7	15.52	30.5	14.56	28.4	13.86	22.7	11.85
	-14.7	-15.0	43.7	17.43	42.6	17.14	40.3	16.51	39.1	16.18	35.5	15.12	33.1	14.35	26.6	12.19
	-9.6	-10.0	50.7	18.60	49.5	18.27	46.9	17.56	45.6	17.19	41.5	16.00	38.7	15.14	31.2	12.77
	-4.4	-5.0	59.0	20.14	57.6	19.75	54.6	18.93	53.1	18.50	48.4	17.13	45.1	16.15	36.4	13.48
	-1.8	-2.5	63.6	21.06	62.0	20.62	58.8	19.72	57.1	19.24	52.1	17.75	48.5	16.70	39.1	13.88
	0.8	0.0	68.3	21.81	66.6	21.36	63.2	20.40	61.4	19.91	56.0	18.35	52.2	17.25	42.2	14.29
	2.8	2.0	72.4	22.28	70.6	21.81	67.0	20.83	65.2	20.32	59.5	18.72	55.2	17.43	42.6	13.54
	6.0	5.0	77.8	22.37	75.3	21.57	70.2	20.00	67.7	19.23	60.2	17.01	55.2	15.59	42.6	12.20
	7.0	6.0	77.8	21.44	75.3	20.68	70.2	19.19	67.7	18.46	60.2	16.35	55.2	14.99	42.6	11.77
	8.6	7.5	77.8	20.08	75.3	19.38	70.2	18.00	67.7	17.33	60.2	15.38	55.2	14.13	42.6	11.14
	11.2	10.0	77.8	17.90	75.3	17.29	70.2	16.11	67.7	15.53	60.2	13.83	55.2	12.75	42.6	10.14
	16.4	15.0	77.8	14.01	75.3	13.58	70.2	12.73	67.7	12.31	60.2	11.09	55.2	10.30	42.6	8.37
	24.0	18.0	77.8	12.01	75.3	11.67	70.2	11.00	67.7	10.67	60.2	9.69	55.2	9.05	42.6	7.48

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	-24.9	-25.0	32.2	15.88	31.3	15.66	29.6	15.19	28.7	14.93	26.0	14.07	24.1	13.43	19.2	11.56
	-19.8	-20.0	37.6	16.48	36.6	16.22	34.6	15.67	33.6	15.38	30.4	14.43	28.2	13.74	22.6	11.75
	-14.7	-15.0	43.6	17.29	42.5	17.00	40.2	16.37	39.0	16.05	35.5	15.00	33.0	14.24	26.5	12.10
	-9.6	-10.0	50.7	18.47	49.4	18.13	46.8	17.43	45.5	17.06	41.4	15.88	38.5	15.03	31.0	12.67
	-4.4	-5.0	59.0	20.00	57.5	19.61	54.5	18.79	53.0	18.36	48.3	17.00	45.0	16.03	36.2	13.38
	-1.8	-2.5	63.5	20.92	61.9	20.50	58.7	19.60	57.1	19.13	51.9	17.65	48.4	16.60	39.0	13.80
	0.8	0.0	68.3	21.59	66.6	21.15	63.1	20.21	61.3	19.72	55.9	18.18	52.1	17.09	41.7	13.98
	2.8	2.0	72.3	22.05	70.5	21.59	66.9	20.61	65.1	20.12	58.8	18.27	53.9	16.73	41.7	13.08
	6.0	5.0	76.0	21.25	73.5	20.51	68.6	19.06	66.2	18.36	58.8	16.29	53.9	14.97	41.7	11.79
	7.0	6.0	76.0	20.36	73.5	19.66	68.6	18.29	66.2	17.62	58.8	15.66	53.9	14.40	41.7	11.38
	8.6	7.5	76.0	19.06	73.5	18.41	68.6	17.15	66.2	16.53	58.8	14.73	53.9	13.56	41.7	10.77
	11.2	10.0	76.0	16.98	73.5	16.43	68.6	15.34	66.2	14.81	58.8	13.25	53.9	12.24	41.7	9.81
	16.4	15.0	76.0	13.27	73.5	12.88	68.6	12.12	66.2	11.74	58.8	10.62	53.9	9.89	41.7	8.10
	24.0	18.0	76.0	11.51	73.5	11.21	68.6	10.61	66.2	10.31	58.8	9.41	53.9	8.81	41.7	7.31

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-24.9	-25.0	32.1	15.74	31.2	15.52	29.5	15.05	28.6	14.79	25.9	13.95	24.0	13.31	19.1	11.47
	-19.8	-20.0	37.5	16.33	36.5	16.08	34.5	15.53	33.5	15.25	30.3	14.31	28.1	13.62	22.5	11.66
	-14.7	-15.0	43.5	17.15	42.4	16.86	40.1	16.24	38.9	15.92	35.3	14.88	32.9	14.12	26.4	12.00
	-9.6	-10.0	50.6	18.33	49.3	18.00	46.7	17.30	45.4	16.94	41.3	15.76	38.4	14.92	30.9	12.58
	-4.4	-5.0	58.9	19.83	57.4	19.40	54.4	18.66	52.9	18.24	48.1	16.88	44.8	15.92	36.1	13.28
	-1.8	-2.5	63.4	20.76	61.9	20.34	58.6	19.46	57.0	19.00	51.8	17.54	48.3	16.50	38.8	13.71
	0.8	0.0	68.2	21.38	66.5	20.93	63.0	20.01	61.2	19.53	55.8	18.01	52.0	16.93	40.7	13.50
	2.8	2.0	72.3	21.82	70.5	21.37	66.9	20.41	64.6	19.71	57.4	17.49	52.6	16.06	40.7	12.64
	6.0	5.0	74.1	20.17	71.8	19.49	67.0	18.16	64.6	17.51	57.4	15.60	52.6	14.37	40.7	11.40
	7.0	6.0	74.1	19.32	71.8	18.68	67.0	17.42	64.6	16.80	57.4	14.99	52.6	13.82	40.7	10.99
	8.6	7.5	74.1	18.08	71.8	17.49	67.0	16.33	64.6	15.77	57.4	14.10	52.6	13.02	40.7	10.41
	11.2	10.0	74.1	16.10	71.8	15.59	67.0	14.60	64.6	14.12	57.4	12.68	52.6	11.75	40.7	9.48
	16.4	15.0	74.1	12.57	71.8	12.22	67.0	11.53	64.6	11.18	57.4	10.17	52.6	9.50	40.7	7.84
	24.0	18.0	74.1	11.29	71.8	10.99	67.0	10.41	64.6	10.11	57.4	9.24	52.6	8.65	40.7	7.19

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-24.9	-25.0	32.0	15.60	31.2	15.38	29.4	14.91	28.5	14.66	25.8	13.82	23.9	13.20	19.0	11.38
	-19.8	-20.0	37.4	16.19	36.4	15.94	34.4	15.40	33.4	15.11	30.2	14.19	28.0	13.51	22.4	11.57
	-14.7	-15.0	43.5	17.01	42.3	16.73	40.0	16.12	38.9	15.79	35.2	14.76	32.8	14.01	26.3	11.91
	-9.6	-10.0	50.5	18.20	49.3	17.87	46.7	17.18	45.3	16.82	41.2	15.65	38.3	14.81	30.8	12.49
	-4.4	-5.0	58.9	19.77	57.4	19.36	54.4	18.48	52.8	18.02	48.0	16.77	44.7	15.80	35.9	13.19
	-1.8	-2.5	63.4	20.59	61.8	20.18	58.5	19.31	56.9	18.86	51.7	17.41	48.1	16.38	38.7	13.62
	0.8	0.0	68.2	21.16	66.5	20.73	62.9	19.81	61.2	19.34	55.7	17.84	51.3	16.55	39.7	13.04
	2.8	2.0	72.3	21.61	70.0	20.92	65.3	19.50	63.0	18.80	56.0	16.75	51.3	15.42	39.7	12.21
	6.0	5.0	72.3	19.14	70.0	18.52	65.3	17.30	63.0	16.70	56.0	14.94	51.3	13.77	39.7	10.99
	7.0	6.0	72.3	18.33	70.0	17.74	65.3	16.59	63.0	16.00	56.0	14.33	51.3	13.24	39.7	10.61
	8.6	7.5	72.3	17.11	70.0	16.57	65.3	15.52	63.0	15.00	56.0	13.47	51.3	12.47	39.7	10.05
	11.2	10.0	72.3	15.23	70.0	14.77	65.3	13.88	63.0	13.44	56.0	12.14	51.3	11.28	39.7	9.18
	16.4	15.0	72.3	11.92	70.0	11.61	65.3	10.98	63.0	10.66	56.0	9.72	51.3	9.09	39.7	7.50
	24.0	18.0	72.3	11.06	70.0	10.78	65.3	10.21	63.0	9.92	56.0	9.07	51.3	8.49	39.7	7.07

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-20ME2E8 (Heating) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-24.9	-25.0	31.7	15.10	30.9	14.89	29.1	14.44	28.2	14.20	25.5	13.40	23.6	12.80	18.7	11.06
	-19.8	-20.0	37.2	15.70	36.2	15.46	34.1	14.94	33.1	14.66	29.9	13.77	27.7	13.11	22.0	11.24
	-14.7	-15.0	43.3	16.56	42.1	16.27	39.8	15.68	38.6	15.37	35.0	14.36	32.4	13.63	25.9	11.60
	-9.6	-10.0	50.5	17.77	49.2	17.45	46.5	16.76	45.1	16.41	40.9	15.26	38.0	14.44	30.4	12.18
	-4.4	-5.0	58.8	19.34	57.3	18.97	54.2	18.17	52.6	17.76	47.7	16.41	44.4	15.44	35.5	12.83
	-1.8	-2.5	63.3	19.90	61.7	19.51	58.4	18.69	56.6	18.26	50.4	16.45	46.2	15.23	35.7	12.23
	0.8	0.0	65.1	18.93	63.0	18.38	58.8	17.27	56.7	16.72	50.4	15.09	46.2	14.00	35.7	11.31
	2.8	2.0	65.1	17.50	63.0	17.00	58.8	16.01	56.7	15.51	50.4	14.03	46.2	13.05	35.7	10.66
	6.0	5.0	65.1	15.55	63.0	15.16	58.8	14.37	56.7	13.97	50.4	12.74	46.2	11.88	35.7	9.69
	7.0	6.0	65.1	15.20	63.0	14.77	58.8	13.93	56.7	13.51	50.4	12.25	46.2	11.42	35.7	9.35
	8.6	7.5	65.1	14.18	63.0	13.80	58.8	13.04	56.7	12.66	50.4	11.52	46.2	10.76	35.7	8.87
	11.2	10.0	65.1	12.60	63.0	12.28	58.8	11.65	56.7	11.33	50.4	10.38	46.2	9.74	35.7	8.11
	16.4	15.0	65.1	10.18	63.0	9.92	58.8	9.41	56.7	9.15	50.4	8.38	46.2	7.87	35.7	6.62
	24.0	18.0	65.1	10.18	63.0	9.92	58.8	9.41	56.7	9.15	50.4	8.38	46.2	7.87	35.7	6.58

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	-24.9	-25.0	31.7	14.78	30.9	14.58	29.1	14.14	28.1	13.90	25.4	13.12	23.4	12.54	18.5	10.85
	-19.8	-20.0	37.2	15.40	36.2	15.16	34.1	14.65	33.0	14.38	29.8	13.50	27.6	12.86	21.9	11.03
	-14.7	-15.0	43.4	16.29	42.3	16.01	39.9	15.42	38.7	15.11	34.9	14.12	32.4	13.40	25.8	11.40
	-9.6	-10.0	50.8	17.55	49.4	17.22	46.7	16.53	45.3	16.18	41.0	15.04	38.0	14.22	30.3	11.99
	-4.4	-5.0	57.9	18.31	56.0	17.83	52.3	16.86	50.4	16.37	44.8	14.89	41.1	13.89	31.7	11.35
	-1.8	-2.5	57.9	16.74	56.0	16.31	52.3	15.46	50.4	15.03	44.8	13.72	41.1	12.83	31.7	10.58
	0.8	0.0	57.9	15.20	56.0	14.86	52.3	14.15	50.4	13.79	44.8	12.67	41.1	11.90	31.7	9.88
	2.8	2.0	57.9	14.23	56.0	13.92	52.3	13.27	50.4	12.94	44.8	11.91	41.1	11.20	31.7	9.34
	6.0	5.0	57.9	12.84	56.0	12.57	52.3	12.00	50.4	11.71	44.8	10.80	41.1	10.16	31.7	8.47
	7.0	6.0	57.9	12.46	56.0	12.17	52.3	11.59	50.4	11.29	44.8	10.39	41.1	9.78	31.7	8.20
	8.6	7.5	57.9	11.62	56.0	11.36	52.3	10.84	50.4	10.58	44.8	9.77	41.1	9.22	31.7	7.78
	11.2	10.0	57.9	10.30	56.0	10.10	52.3	9.68	50.4	9.47	44.8	8.81	41.1	8.35	31.7	7.13
	16.4	15.0	57.9	9.29	56.0	9.07	52.3	8.61	50.4	8.38	44.8	7.69	41.1	7.24	31.7	6.09
	24.0	18.0	57.9	9.29	56.0	9.07	52.3	8.61	50.4	8.38	44.8	7.69	41.1	7.24	31.7	6.09

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-24.9	-25.0	32.2	14.75	31.3	14.55	29.5	14.10	28.5	13.86	25.7	13.08	23.7	12.51	18.7	10.82
	-19.8	-20.0	37.9	15.40	36.8	15.16	34.7	14.64	33.6	14.37	30.2	13.48	28.0	12.84	22.1	11.01
	-14.7	-15.0	44.3	16.34	43.1	16.06	40.6	15.46	39.3	15.14	35.5	14.14	32.9	13.41	26.1	11.40
	-9.6	-10.0	50.6	17.20	49.0	16.77	45.7	15.86	44.1	15.40	39.2	14.09	35.9	13.18	27.8	10.86
	-4.4	-5.0	50.6	14.69	49.0	14.39	45.7	13.77	44.1	13.45	39.2	12.44	35.9	11.73	27.8	9.84
	-1.8	-2.5	50.6	13.59	49.0	13.33	45.7	12.77	44.1	12.48	39.2	11.57	35.9	10.93	27.8	9.20
	0.8	0.0	50.6	12.51	49.0	12.28	45.7	11.79	44.1	11.53	39.2	10.72	35.9	10.15	27.8	8.59
	2.8	2.0	50.6	11.68	49.0	11.47	45.7	11.03	44.1	10.80	39.2	10.07	35.9	9.54	27.8	8.12
	6.0	5.0	50.6	10.50	49.0	10.32	45.7	9.94	44.1	9.74	39.2	9.09	35.9	8.62	27.8	7.34
	7.0	6.0	50.6	10.09	49.0	9.91	45.7	9.54	44.1	9.34	39.2	8.73	35.9	8.30	27.8	7.14
	8.6	7.5	50.6	9.40	49.0	9.25	45.7	8.93	44.1	8.76	39.2	8.22	35.9	7.84	27.8	6.79
	11.2	10.0	50.6	8.41	49.0	8.21	45.7	7.97	44.1	7.84	39.2	7.42	35.9	7.11	27.8	6.24
	16.4	15.0	50.6	8.41	49.0	8.21	45.7	7.81	44.1	7.61	39.2	7.01	35.9	6.61	27.8	5.61
	24.0	18.0	50.6	8.41	49.0	8.21	45.7	7.81	44.1	7.61	39.2	7.01	35.9	6.61	27.8	5.61

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-24.9	-25.0	33.6	15.17	32.7	14.95	30.7	14.49	29.7	14.24	26.7	13.43	24.6	12.82	19.4	11.07
	-19.8	-20.0	39.6	15.88	38.4	15.62	36.1	15.08	35.0	14.79	31.5	13.86	29.1	13.19	22.9	11.29
	-14.7	-15.0	43.4	15.65	42.0	15.30	39.2	14.59	37.8	14.23	33.6	13.12	30.8	12.35	23.8	10.32
	-9.6	-10.0	43.4	13.90	42.0	13.65	39.2	13.12	37.8	12.84	33.6	11.93	30.8	11.27	23.8	9.40
	-4.4	-5.0	43.4	12.02	42.0	11.82	39.2	11.40	37.8	11.17	33.6	10.44	30.8	9.92	23.8	8.47
	-1.8	-2.5	43.4	11.09	42.0	10.92	39.2	10.54	37.8	10.35	33.6	9.71	30.8	9.24	23.8	7.94
	0.8	0.0	43.4	10.19	42.0	10.04	39.2	9.72	37.8	9.55	33.6	8.99	30.8	8.57	23.8	7.42
	2.8	2.0	43.4	9.50	42.0	9.37	39.2	9.09	37.8	8.93	33.6	8.43	30.8	8.07	23.8	7.01
	6.0	5.0	43.4	8.45	42.0	8.34	39.2	8.11	37.8	7.98	33.6	7.56	30.8	7.25	23.8	6.33
	7.0	6.0	43.4	8.07	42.0	7.97	39.2	7.76	37.8	7.65	33.6	7.27	30.8	6.99	23.8	6.17
	8.6	7.5	43.4	7.52	42.0	7.44	39.2	7.27	37.8	7.18	33.6	6.85	30.8	6.61	23.8	5.88
	11.2	10.0	43.4	7.52	42.0	7.35	39.2	7.01	37.8	6.84	33.6	6.32	30.8	6.01	23.8	5.42
	16.4	15.0	43.4	7.52	42.0	7.35	39.2	7.01	37.8	6.84	33.6	6.32	30.8	5.98	23.8	5.12
	24.0	18.0	43.4	7.52	42.0	7.35	39.2	7.01	37.8	6.84	33.6	6.32	30.8	5.98	23.8	5.12

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.

1. Capacity of Outdoor Unit

U-20ME2E8 (Heating) **Capacity Ratio 30-130%**

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-24.9	-25.0	36.2	16.16	35.0	15.87	32.7	15.25	31.5	14.92	28.0	13.91	25.7	13.18	19.8	11.19
	-19.8	-20.0	36.2	14.02	35.0	13.76	32.7	13.21	31.5	12.93	28.0	12.05	25.7	11.42	19.8	9.72
	-14.7	-15.0	36.2	12.81	35.0	12.56	32.7	11.98	31.5	11.73	28.0	10.90	25.7	10.31	19.8	8.76
	-9.6	-10.0	36.2	11.24	35.0	11.08	32.7	10.72	31.5	10.52	28.0	9.90	25.7	9.43	19.8	8.08
	-4.4	-5.0	36.2	9.69	35.0	9.57	32.7	9.29	31.5	9.15	28.0	8.65	25.7	8.28	19.8	7.22
	-1.8	-2.5	36.2	8.93	35.0	8.83	32.7	8.60	31.5	8.47	28.0	8.04	25.7	7.72	19.8	6.77
	0.8	0.0	36.2	8.20	35.0	8.11	32.7	7.92	31.5	7.82	28.0	7.45	25.7	7.17	19.8	6.33
	2.8	2.0	36.2	7.62	35.0	7.54	32.7	7.37	31.5	7.28	28.0	6.96	25.7	6.71	19.8	5.97
	6.0	5.0	36.2	6.67	35.0	6.63	32.7	6.52	31.5	6.46	28.0	6.23	25.7	6.04	19.8	5.44
	7.0	6.0	36.2	6.64	35.0	6.49	32.7	6.25	31.5	6.20	28.0	6.00	25.7	5.83	19.8	5.30
	8.6	7.5	36.2	6.64	35.0	6.49	32.7	6.21	31.5	6.07	28.0	5.67	25.7	5.53	19.8	5.07
	11.2	10.0	36.2	6.64	35.0	6.49	32.7	6.21	31.5	6.07	28.0	5.64	25.7	5.35	19.8	4.69
	16.4	15.0	36.2	6.64	35.0	6.49	32.7	6.21	31.5	6.07	28.0	5.64	25.7	5.35	19.8	4.64
	24.0	18.0	36.2	6.64	35.0	6.49	32.7	6.21	31.5	6.07	28.0	5.64	25.7	5.35	19.8	4.64

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
40%	-24.9	-25.0	28.9	12.49	28.0	12.30	26.1	11.88	25.2	11.66	22.4	10.97	20.5	10.46	15.9	9.05
	-19.8	-20.0	28.9	11.21	28.0	11.02	26.1	10.62	25.2	10.41	22.4	9.76	20.5	9.30	15.9	8.03
	-14.7	-15.0	28.9	10.16	28.0	10.03	26.1	9.72	25.2	9.55	22.4	8.91	20.5	8.48	15.9	7.31
	-9.6	-10.0	28.9	8.89	28.0	8.79	26.1	8.57	25.2	8.44	22.4	8.02	20.5	7.71	15.9	6.77
	-4.4	-5.0	28.9	7.66	28.0	7.60	26.1	7.44	25.2	7.35	22.4	7.04	20.5	6.79	15.9	6.05
	-1.8	-2.5	28.9	7.07	28.0	7.02	26.1	6.89	25.2	6.81	22.4	6.54	20.5	6.33	15.9	5.68
	0.8	0.0	28.9	6.42	28.0	6.39	26.1	6.29	25.2	6.24	22.4	6.03	20.5	5.86	15.9	5.31
	2.8	2.0	28.9	5.92	28.0	5.90	26.1	5.84	25.2	5.80	22.4	5.63	20.5	5.50	15.9	5.03
	6.0	5.0	28.9	5.75	28.0	5.64	26.1	5.41	25.2	5.29	22.4	5.08	20.5	4.99	15.9	4.63
	7.0	6.0	28.9	5.75	28.0	5.64	26.1	5.41	25.2	5.29	22.4	4.95	20.5	4.83	15.9	4.51
	8.6	7.5	28.9	5.75	28.0	5.64	26.1	5.41	25.2	5.29	22.4	4.95	20.5	4.72	15.9	4.33
	11.2	10.0	28.9	5.75	28.0	5.64	26.1	5.41	25.2	5.29	22.4	4.95	20.5	4.72	15.9	4.15
	16.4	15.0	28.9	5.75	28.0	5.64	26.1	5.41	25.2	5.29	22.4	4.95	20.5	4.72	15.9	4.15
	24.0	18.0	28.9	5.75	28.0	5.64	26.1	5.41	25.2	5.29	22.4	4.95	20.5	4.72	15.9	4.15

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
30%	-24.9	-25.0	21.7	9.52	21.0	9.38	19.6	9.10	18.9	8.95	16.8	8.48	15.4	8.14	11.9	7.17
	-19.8	-20.0	21.7	8.67	21.0	8.49	19.6	8.25	18.9	8.10	16.8	7.65	15.4	7.33	11.9	6.45
	-14.7	-15.0	21.7	7.75	21.0	7.68	19.6	7.51	18.9	7.41	16.8	7.07	15.4	6.78	11.9	5.94
	-9.6	-10.0	21.7	6.81	21.0	6.76	19.6	6.64	18.9	6.57	16.8	6.32	15.4	6.12	11.9	5.51
	-4.4	-5.0	21.7	5.85	21.0	5.82	19.6	5.75	18.9	5.70	16.8	5.54	15.4	5.40	11.9	4.94
	-1.8	-2.5	21.7	5.37	21.0	5.35	19.6	5.31	18.9	5.28	16.8	5.16	15.4	5.04	11.9	4.66
	0.8	0.0	21.7	4.90	21.0	4.90	19.6	4.89	18.9	4.87	16.8	4.79	15.4	4.70	11.9	4.39
	2.8	2.0	21.7	4.87	21.0	4.78	19.6	4.61	18.9	4.56	16.8	4.51	15.4	4.45	11.9	4.19
	6.0	5.0	21.7	4.87	21.0	4.78	19.6	4.61	18.9	4.52	16.8	4.27	15.4	4.09	11.9	3.90
	7.0	6.0	21.7	4.87	21.0	4.78	19.6	4.61	18.9	4.52	16.8	4.27	15.4	4.09	11.9	3.81
	8.6	7.5	21.7	4.87	21.0	4.78	19.6	4.61	18.9	4.52	16.8	4.27	15.4	4.09	11.9	3.68
	11.2	10.0	21.7	4.87	21.0	4.78	19.6	4.61	18.9	4.52	16.8	4.27	15.4	4.09	11.9	3.67
	16.4	15.0	21.7	4.87	21.0	4.78	19.6	4.61	18.9	4.52	16.8	4.27	15.4	4.09	11.9	3.67
	24.0	18.0	21.7	4.87	21.0	4.78	19.6	4.61	18.9	4.52	16.8	4.27	15.4	4.09	11.9	3.67

* Use the above table when choosing the model of outdoor unit.
See “1-7. Calculation of Actual Capacity of Indoor Unit” under the section 2.