

**NEW**  
2011



S-22MK1E5 / S-28MK1E5 / S-36MK1E5



S-45MK1E5 / S-56MK1E5 / S-73MK1E5 / S-106MK1E5

#### OPTIONAL CONTROLLER

Timer remote controller  
CZ-RTC2

Wireless remote controller  
CZ-RWSC2

Simplified remote controller  
CZ-REZC2



#### TECHNICAL FOCUS

- CLOSED DISCHARGE PORT
- LIGHTER AND SMALLER UNITS MAKE THE INSTALLATION EASY
- QUIET OPERATION
- SMOOTH AND DURABLE DESIGN
- PIPING OUTLET IN THREE DIRECTIONS
- WASHABLE FRONT PANEL
- AIR DISTRIBUTION IS AUTOMATICALLY ALTERED DEPENDING ON THE OPERATIONAL MODE OF THE UNIT
- ANTI-MOULD FILTERS ARE STANDARD

#### EXTERNAL VALVE (OPTIONAL)



CZ-P56SVK2  
(model sizes 22 to 56)  
CZ-P160SVK2  
(model sizes 73 to 106)

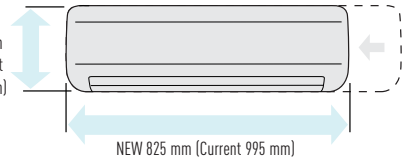
#### Closed discharge port

When the unit is turned off, the flap closes completely to prevent entry of dust into the unit and to keep the equipment clean.

#### Lighter and smaller units make the installation easy

The width has been decreased by 17% and the units are lighter.

NEW  
255 mm  
(Current  
285 mm)



NEW 825 mm (Current 995 mm)

#### Quiet operation

These units are among the quietest in the industry, making them ideal for hotels and hospitals.

#### Smooth and durable design

The smooth cover means these units match most modern interiors. Their compact size enables them to blend in, even in small spaces.

#### Piping outlet in three directions

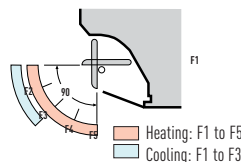
Piping outlet is possible in the three directions of rear, right, and left, making the installation work easier.

#### Washable front panel

The indoor unit's front panel can be easily removed and washed for trouble-free cleaning.



#### Air distribution is automatically altered depending on the operational mode of the unit





## K1 TYPE // WALL MOUNTED

The K1 Type wall mounted unit has a stylish smooth panel which not only looks good but is also easy to clean. The unit is also smaller, lighter and substantially quieter than previous models making it ideal for small offices and other commercial applications.

environmentally friendly refrigerant <b>R410A</b>	easy maintenance SELF-DIAGNOSING	for more comfort AUTOMATIC FAN	perfect humidity control MILD DRY	further comfort AUTO-FLAP CONTROL	practical operation AUTOMATIC RESTART	comfort everywhere AIR SWEEP
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MODEL NAME		S-22MK1E5	S-28MK1E5	S-36MK1E5	S-45MK1E5	S-56MK1E5	S-73MK1E5	S-106MK1E5	
Power source		220/230/240 V, 1 phase - 50, 60 Hz							
Cooling capacity	kW	2.20	2.80	3.60	4.5	5.6	7.3	10.6	
	BTU/h	7,500	9,600	12,000	15,000	19,000	25,000	36,000	
Heating capacity	kW	2.50	3.20	4.20	5.0	6.3	8.0	11.4	
	BTU/h	8,500	11,000	14,000	17,000	21,000	27,000	39,000	
Power input	Cooling kW	0.018/0.019/0.019	0.018/0.019/0.019	0.021/0.022/0.023	0.020/0.020/0.021	0.029/0.030/0.030	0.056/0.057/0.057	0.059/0.060/0.060	
	Heating kW	0.019/0.019/0.020	0.019/0.019/0.020	0.022/0.023/0.023	0.020/0.020/0.021	0.029/0.030/0.030	0.056/0.057/0.057	0.067/0.068/0.068	
Running current	Cooling A	0.16/0.16/0.16	0.16/0.16/0.16	0.19/0.19/0.20	0.27/0.26/0.23	0.36/0.35/0.32	0.59/0.58/0.52	0.63/0.62/0.55	
	Heating A	0.17/0.17/0.18	0.17/0.17/0.18	0.20/0.20/0.20	0.27/0.26/0.23	0.36/0.35/0.32	0.59/0.58/0.52	0.70/0.70/0.62	
Fan	Type	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	
	Air flow rate (H/M/L) m <sup>3</sup> /h	540/450/360	540/450/360	600/510/390	720/630/510	840/720/630	1,080/870/690	1,140/990/780	
	Motor output kW	0.047	0.047	0.047	0.047	0.047	0.047	0.047	
Sound power level (L/M/H)		dB	39/43/46	39/43/46	40/44/48	41/45/49	51/55/58	51/55/58	53/56/60
Sound pressure level (L/M/H)		dB(A)	28/32/35	28/32/35	29/33/37	30/34/38	32/36/40	40/44/47	42/45/49
Dimensions	H x W x D	mm	285 x 825 x 217	285 x 825 x 217	285 x 825 x 217	300 x 1,065 x 230	300 x 1,065 x 230	300 x 1,065 x 230	300 x 1,065 x 230
Pipe connections	Liquid	inches (mm)	1/4 (Ø6.35)	1/4 (Ø6.35)	1/4 (Ø6.35)	1/4 (Ø6.35)	1/4 (Ø6.35)	3/8 (Ø9.52)	3/8 (Ø9.52)
	Gas	inches (mm)	1/2 (Ø12.7)	1/2 (Ø12.7)	1/2 (Ø12.7)	1/2 (Ø12.7)	1/2 (Ø12.7)	5/8 (Ø15.88)	5/8 (Ø15.88)
	Drain piping		VP-13	VP-13	VP-13	VP-13	VP-13	VP-13	VP-13
Net weight	kg	10	10	10	13	13	14.5	14.5	

GLOBAL REMARKS	Rated conditions:	
	Cooling	Heating
	Indoor air temperature	27°C DB / 19°C WB
Outdoor air temperature	35°C DB / 24°C WB	7°C DB / 6°C WB

Specifications subject to change without notice.

## 5. Wall Mounted Type (K1 Type)

### 5-1. Specifications

#### Unit specifications (A)

MODEL No.	Indoor Unit		S-22MK1E5					
<b>POWER SOURCE</b>			220 - 230 - 240 V, Single-phase, 50/60 Hz					
<b>PERFORMANCE</b>			Cooling			Heating		
Capacity	kW		2.2			2.5		
	BTU / h		7,500			8,500		
Air circulation (Hi / Me / Lo)		m <sup>3</sup> / h	540 / 450 / 360					
Moisture removal (High)		Liters / h	0.5			-		
<b>ELECTRICAL RATINGS</b>								
Voltage rating		V	220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.16	0.16	0.16	0.17	0.17	0.18
Power input		W	18	19	19	19	19	20
Power factor		%	51	52	49	51	49	46
Max. starting amperes		A	1	1	1	1	1	1
<b>FEATURES</b>								
Controls			Microprocessor					
Fan speeds			3 and Automatic control					
Air filter			Washable, easy access					
Refrigerant control			Electronic expansion valve					
Operation sound (Hi / Me / Lo)		dB-A	35 / 32 / 28					
Refrigerant tubing connections			Flare type					
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection			13 A, OD18 mm					
Remote controller			Optional (Wired / Wireless)					
Refrigerant tubing kit / Accessories			Optional / Hanging wall bracket					
Color (Approximate value)			Munsell N9.1					
<b>DIMENSIONS &amp; WEIGHT</b>			Unit dimensions			Package dimensions		
Unit dimensions	Height	mm (in.)	285 (11-7 / 32)			350 (13-25 / 32)		
	Width	mm (in.)	825 (32-15 / 32)			900 (35-7 / 16)		
	Depth	mm (in.)	217 (8-17 / 32)			270 (10-5 / 8)		
Net weight		kg (lbs.)	10 (22)					
Shipping weight		kg (lbs.)	12 (26.5)					
Shipping volume		m <sup>3</sup> (cu.ft)	0.085 (3.0)					

DATA SUBJECT TO CHANGE WITHOUT NOTICE.

Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

## 5. Wall Mounted Type (K1 Type)

### Unit specifications (B)

MODEL No.	Indoor Unit		S-28MK1E5					
<b>POWER SOURCE</b>			220 - 230 - 240 V, Single-phase, 50/60 Hz					
<b>PERFORMANCE</b>			Cooling			Heating		
Capacity	kW		2.8			3.2		
	BTU / h		9,600			11,000		
Air circulation (Hi / Me / Lo)		m <sup>3</sup> / h	540 / 450 / 360					
Moisture removal (High)		Liters / h	1.2			-		
<b>ELECTRICAL RATINGS</b>								
Voltage rating		V	220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.16	0.16	0.16	0.17	0.17	0.18
Power input		W	18	19	19	19	19	20
Power factor		%	51	52	49	51	49	46
Max. starting amperes		A	1	1	1	1	1	1
<b>FEATURES</b>								
Controls			Microprocessor					
Fan speeds			3 and Automatic control					
Air filter			Washable, easy access					
Refrigerant control			Electronic expansion valve					
Operation sound (Hi / Me / Lo)		dB-A	35 / 32 / 28					
Refrigerant tubing connections			Flare type					
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection			13 A, OD18 mm					
Remote controller			Optional (Wired / Wireless)					
Refrigerant tubing kit / Accessories			Optional / Hanging wall bracket					
Color (Approximate value)			Munsell N9.1					
<b>DIMENSIONS &amp; WEIGHT</b>			Unit dimensions			Package dimensions		
Unit dimensions	Height	mm (in.)	285 (11-7 / 32)			350 (13-25 / 32)		
	Width	mm (in.)	825 (32-15 / 32)			900 (35-7 / 16)		
	Depth	mm (in.)	217 (8-17 / 32)			270 (10-5 / 8)		
Net weight		kg (lbs.)	10 (22)					
Shipping weight		kg (lbs.)	12 (26.5)					
Shipping volume		m <sup>3</sup> (cu.ft)	0.085 (3.0)					

DATA SUBJECT TO CHANGE WITHOUT NOTICE.

Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

## 5. Wall Mounted Type (K1 Type)

### Unit specifications (C)

MODEL No.	Indoor Unit		S-36MK1E5					
<b>POWER SOURCE</b>			220 - 230 - 240 V, Single-phase, 50/60 Hz					
<b>PERFORMANCE</b>			Cooling			Heating		
Capacity	kW		3.6			4.2		
	BTU / h		12,000			14,000		
Air circulation (Hi / Me / Lo)		m <sup>3</sup> / h	600 / 510 / 390					
Moisture removal (High)		Liters / h	1.9			-		
<b>ELECTRICAL RATINGS</b>								
Voltage rating	V		220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.19	0.19	0.20	0.20	0.20	0.20
Power input		W	21	22	23	22	23	23
Power factor		%	51	52	49	51	49	46
Max. starting amperes		A	1	1	1	1	1	1
<b>FEATURES</b>								
Controls			Microprocessor					
Fan speeds			3 and Automatic control					
Air filter			Washable, easy access					
Refrigerant control			Electronic expansion valve					
Operation sound (Hi / Me / Lo)		dB-A	37 / 33 / 29					
Refrigerant tubing connections			Flare type					
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection			13 A, OD18 mm					
Remote controller			Optional (Wired / Wireless)					
Refrigerant tubing kit / Accessories			Optional / Hanging wall bracket					
Color (Approximate value)			Munsell N9.1					
<b>DIMENSIONS &amp; WEIGHT</b>			Unit dimensions			Package dimensions		
Unit dimensions	Height	mm (in.)	285 (11-7 / 32)			350 (13-25 / 32)		
	Width	mm (in.)	825 (32-15 / 32)			900 (35-7 / 16)		
	Depth	mm (in.)	217 (8-17 / 32)			270 (10-5 / 8)		
Net weight		kg (lbs.)	10 (22)					
Shipping weight		kg (lbs.)	12 (26.5)					
Shipping volume		m <sup>3</sup> (cu.ft)	0.085 (3.0)					

DATA SUBJECT TO CHANGE WITHOUT NOTICE.

Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

## 5. Wall Mounted Type (K1 Type)

### Unit specifications (D)

MODEL No.	Indoor Unit		S-45MK1E5					
<b>POWER SOURCE</b>			220 - 230 - 240 V, single-phase, 50/60 Hz					
<b>PERFORMANCE</b>			Cooling			Heating		
Capacity	kW		4.5			5.0		
	BTU / h		15,000			17,000		
Air circulation (Hi / Me / Lo)		m <sup>3</sup> / h	720 / 630 / 510					
Moisture removal (High)		Liters / h	1.6			-		
<b>ELECTRICAL RATINGS</b>								
Voltage rating	V		220	230	240	220	230	240
Available voltage range	V		198 - 264			198 - 264		
Running amperes	A		0.27	0.26	0.23	0.27	0.26	0.23
Power input	W		20	20	21	20	20	21
Power factor	%		34	33	38	34	33	38
Max. starting amperes	A		1	1	1	1	1	1
<b>FEATURES</b>								
Controls			Microprocessor					
Timer			ON / OFF Timer (Max. 72 hr)					
Fan speeds			3 and Automatic control					
Air filter			Washable, easy access					
Refrigerant control			Electronic expansion valve					
Operation sound (Hi / Me / Lo)		dB-A	38 / 34 / 30					
Refrigerant tubing connections			Flare type					
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection			13 A, OD18 mm					
Remote controller			Optional (Wired / Wireless)					
Refrigerant tubing kit / Accessories			Optional / Hanging wall bracket					
Color (Approximate value)			Munsell N9.1					
<b>DIMENSIONS &amp; WEIGHT</b>			Unit dimensions			Package dimensions		
Unit dimensions	Height	mm (in.)	300 (11-13 / 16)			310 (12-7 / 32)		
	Width	mm (in.)	1065 (41-15 / 16)			1140 (44-7 / 8)		
	Depth	mm (in.)	230 (9-1 / 16)			380 (14-31 / 32)		
Net weight		kg (lbs.)	13 (29)					
Shipping weight		kg (lbs.)	17 (38)					
Shipping volume		m <sup>3</sup> (cu.ft)	0.13 (4.6)					

DATA SUBJECT TO CHANGE WITHOUT NOTICE.

#### Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

## 5. Wall Mounted Type (K1 Type)

### Unit specifications (E)

MODEL No.	Indoor Unit		S-56MK1E5					
<b>POWER SOURCE</b>			220 - 230 - 240 V, single-phase, 50/60 Hz					
<b>PERFORMANCE</b>			Cooling			Heating		
Capacity	kW		5.6			6.3		
	BTU / h		19,000			21,000		
Air circulation (Hi / Me / Lo)		m <sup>3</sup> / h	840 / 720 / 630					
Moisture removal (High)		Liters / h	2.3			-		
<b>ELECTRICAL RATINGS</b>								
Voltage rating	V		220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.36	0.35	0.32	0.36	0.35	0.32
Power input		W	29	30	30	29	30	30
Power factor		%	37	37	39	37	37	39
Max. starting amperes		A	1	1	1	1	1	1
<b>FEATURES</b>								
Controls		Microprocessor						
Timer		ON / OFF Timer (Max. 72 hr)						
Fan speeds		3 and Automatic control						
Air filter		Washable, easy access						
Refrigerant control		Electronic expansion valve						
Operation sound (Hi / Me / Lo)		dB-A	40 / 36 / 32					
Refrigerant tubing connections		Flare type						
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection		13 A, OD18 mm						
Remote controller		Optional (Wired / Wireless)						
Refrigerant tubing kit / Accessories		Optional / Hanging wall bracket						
Color (Approximate value)		Munsell N9.1						
<b>DIMENSIONS &amp; WEIGHT</b>			Unit dimensions			Package dimensions		
Unit dimensions	Height	mm (in.)	300 (11-13 / 16)			310 (12-7 / 32)		
	Width	mm (in.)	1065 (41-15 / 16)			1140 (44-7 / 8)		
	Depth	mm (in.)	230 (9-1 / 16)			380 (14-31 / 32)		
Net weight		kg (lbs.)	13 (29)					
Shipping weight		kg (lbs.)	17 (38)					
Shipping volume		m <sup>3</sup> (cu.ft)	0.13 (4.6)					

DATA SUBJECT TO CHANGE WITHOUT NOTICE.

#### Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

## 5. Wall Mounted Type (K1 Type)

### Unit specifications (F)

MODEL No.	Indoor Unit		S-73MK1E5					
<b>POWER SOURCE</b>			220 - 230 - 240 V, single-phase, 50/60 Hz					
<b>PERFORMANCE</b>			Cooling			Heating		
Capacity	kW		7.3			8.0		
	BTU / h		25,000			27,000		
Air circulation (Hi / Me / Lo)		m <sup>3</sup> / h	1080 / 870 / 690					
Moisture removal (High)		Liters / h	3.0			-		
<b>ELECTRICAL RATINGS</b>								
Voltage rating	V		220	230	240	220	230	240
Available voltage range	V		198 - 264			198 - 264		
Running amperes	A		0.59	0.58	0.52	0.59	0.58	0.52
Power input	W		56	57	57	56	57	57
Power factor	%		43	43	46	43	43	46
Max. starting amperes	A		1	1	1	1	1	1
<b>FEATURES</b>								
Controls			Microprocessor					
Timer			ON / OFF Timer (Max. 72 hr)					
Fan speeds			3 and Automatic control					
Air filter			Washable, easy access					
Refrigerant control			Electronic expansion valve					
Operation sound (Hi / Me / Lo)		dB-A	47 / 44 / 40					
Refrigerant tubing connections			Flare type					
Refrigerant tube diameter	Liquid tube	mm (in.)	9.52 (3 / 8)					
	Gas tube	mm (in.)	15.88 (5 / 8)					
Drain connection			13 A, OD18 mm					
Remote controller			Optional (Wired / Wireless)					
Refrigerant tubing kit / Accessories			Optional / Hanging wall bracket					
Color (Approximate value)			Munsell N9.1					
<b>DIMENSIONS &amp; WEIGHT</b>			Unit dimensions			Package dimensions		
Unit dimensions	Height	mm (in.)	300 (11-13 / 16)			310 (12-7 / 32)		
	Width	mm (in.)	1065 (41-15 / 16)			1140 (44-7 / 8)		
	Depth	mm (in.)	230 (9-1 / 16)			380 (14-31 / 32)		
Net weight		kg (lbs.)	14.5 (32)					
Shipping weight		kg (lbs.)	18 (40)					
Shipping volume		m <sup>3</sup> (cu.ft)	0.13 (4.6)					

DATA SUBJECT TO CHANGE WITHOUT NOTICE.

#### Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB



## 5. Wall Mounted Type (K1 Type)

### Unit specifications (G)

MODEL No.	Indoor Unit		S-106MK1E5					
<b>POWER SOURCE</b>			220 - 230 - 240 V, single-phase, 50/60 Hz					
<b>PERFORMANCE</b>			Cooling			Heating		
Capacity	kW		10.6			11.4		
	BTU / h		36,000			39,000		
Air circulation (Hi / Me / Lo)		m <sup>3</sup> / h	1140 / 990 / 780					
Moisture removal (High)		Liters / h	4.9			-		
<b>ELECTRICAL RATINGS</b>								
Voltage rating	V		220	230	240	220	230	240
Available voltage range	V		198 - 264			198 - 264		
Running amperes	A		0.63	0.62	0.55	0.70	0.70	0.62
Power input	W		59	60	60	67	68	68
Power factor	%		43	42	45	44	42	46
Max. starting amperes	A		1	1	1	1	1	1
<b>FEATURES</b>								
Controls			Microprocessor					
Timer			ON / OFF Timer (Max. 72 hr)					
Fan speeds			3 and Automatic control					
Air filter			Washable, easy access					
Refrigerant control			Electronic expansion valve					
Operation sound (Hi / Me / Lo)		dB-A	49 / 45 / 42					
Refrigerant tubing connections			Flare type					
Refrigerant tube diameter	Liquid tube	mm (in.)	9.52 (3 / 8)					
	Gas tube	mm (in.)	15.88 (5 / 8)					
Drain connection			13 A, OD18 mm					
Remote controller			Optional (Wired / Wireless)					
Refrigerant tubing kit / Accessories			Optional / Hanging wall bracket					
Color (Approximate value)			Munsell N9.1					
<b>DIMENSIONS &amp; WEIGHT</b>			Unit dimensions			Package dimensions		
Unit dimensions	Height	mm (in.)	300 (11-13 / 16)			310 (12-7 / 32)		
	Width	mm (in.)	1065 (41-15/ 16)			1140 (44-7 / 8)		
	Depth	mm (in.)	230 (9-1 / 16)			380 (14-31 / 32)		
Net weight		kg (lbs.)	14.5 (32)					
Shipping weight		kg (lbs.)	18 (40)					
Shipping volume		m <sup>3</sup> (cu.ft)	0.13 (4.6)					

DATA SUBJECT TO CHANGE WITHOUT NOTICE.

#### Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

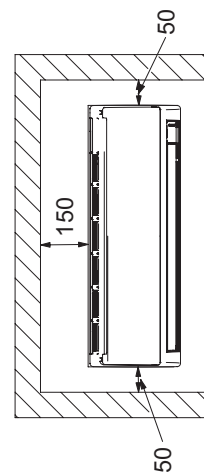
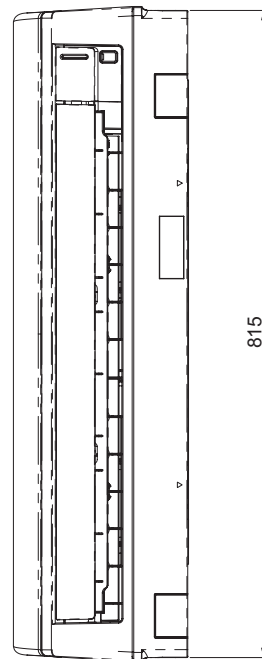
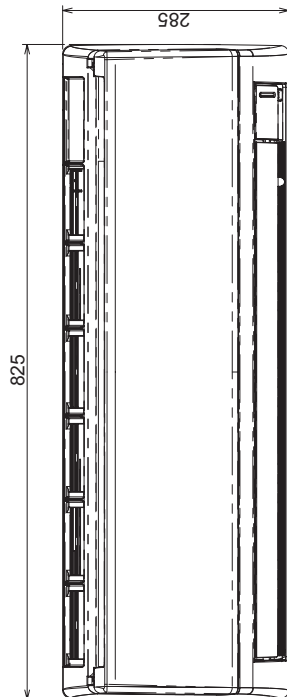
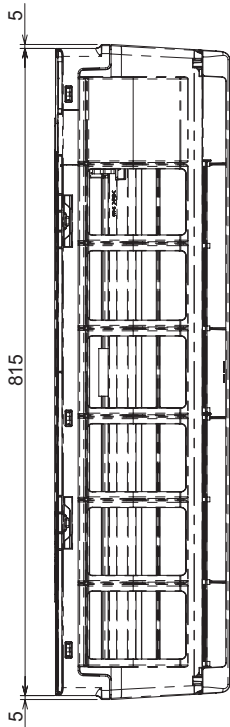
# 5. Wall Mounted Type (K1 Type)

## 5-3. Dimensional Data

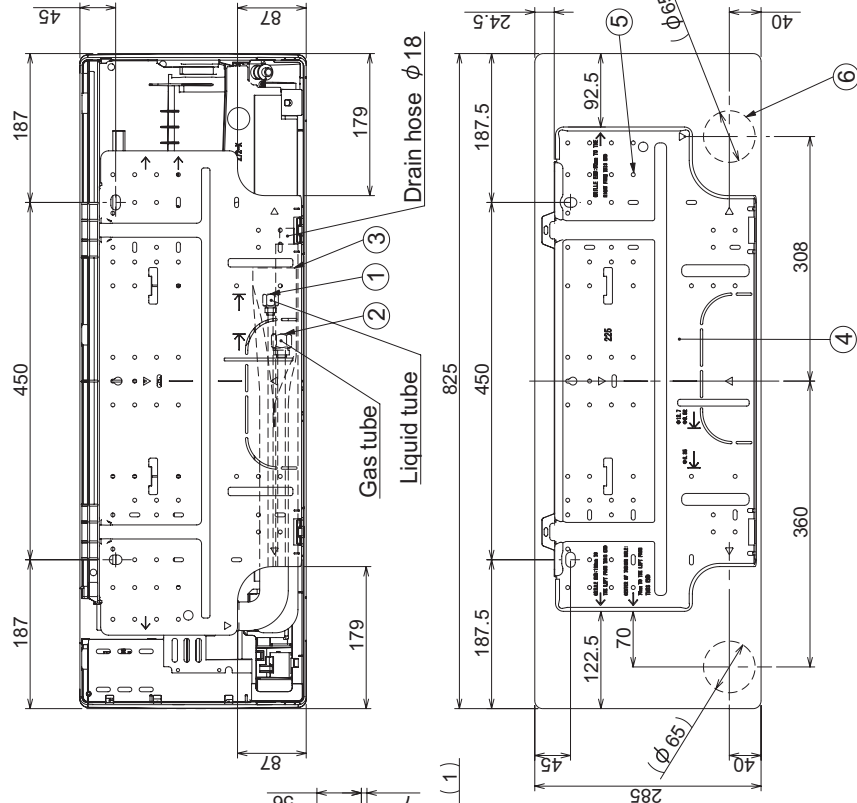
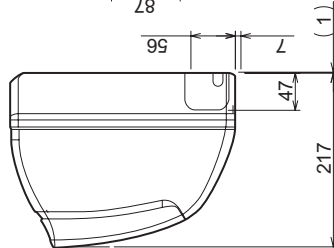
Indoor unit: S-22MK1E5 / 28MK1E5 / 36MK1E5

- unit: mm
- |   |   |
|---|---|
| ① | Refrigerant tubing (liquid tube) $\phi$ 6.35 (flared)       |
| ② | Refrigerant tubing (gas tube) $\phi$ 12.7 (flared)          |
| ③ | Drain hose VP13 (outer dia. $\phi$ 18)                      |
| ④ | Rear panel (PL BACK)  |
| ⑤ | Rear panel fixing holes (5 $\phi$ holes or 5X13 oval holes) |
| ⑥ | Tubing and wiring holes ( $\phi$ 65)                        |

《FILTER SIZE》  
(316 X 311 X 2) X 2 pcs.



Front view  
Wall Mounted Type

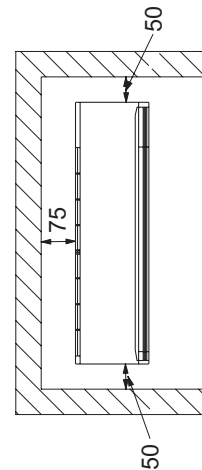
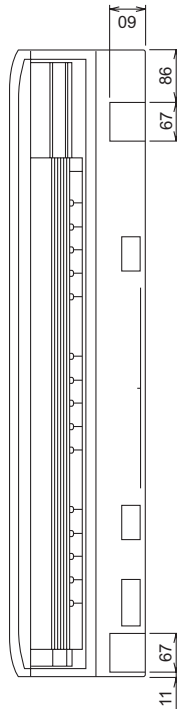
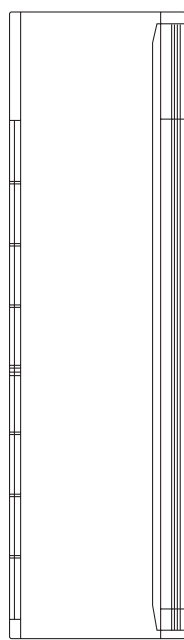
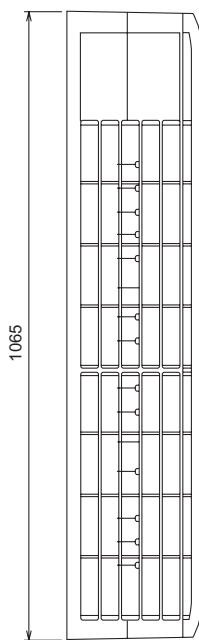


# 5. Wall Mounted Type (K1 Type)

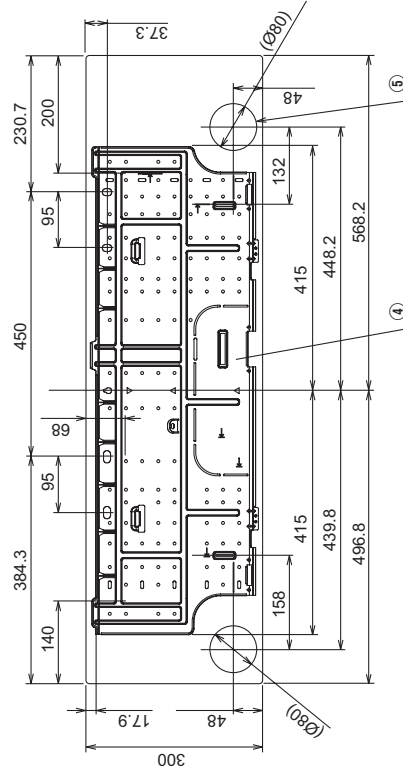
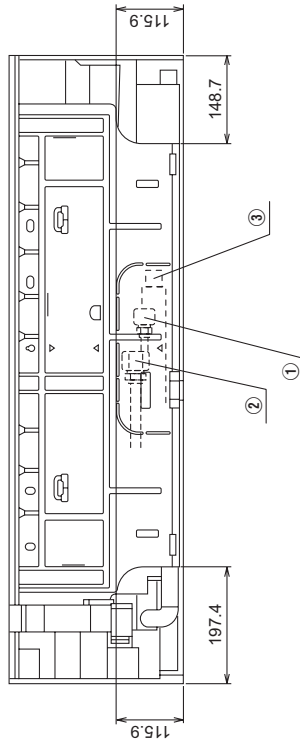
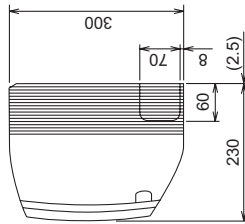
Indoor unit: S-45MK1E5 / 56MK1E5 / 73MK1E5 / 106MK1E5

unit: mm

① Refrigerant tubing (liquid tube)	45-56 type	φ 6.35 (flared)
	73-106 type	φ 9.52 (flared)
② Refrigerant tubing (gas tube)	45-56 type	φ 12.7 (flared)
	73-106 type	φ 15.88 (flared)
③ Drain hose VP13 (outer dia. φ 18)		
④ Rear panel (PL BACK)		
⑤ Tubing and wiring holes (φ 80)		



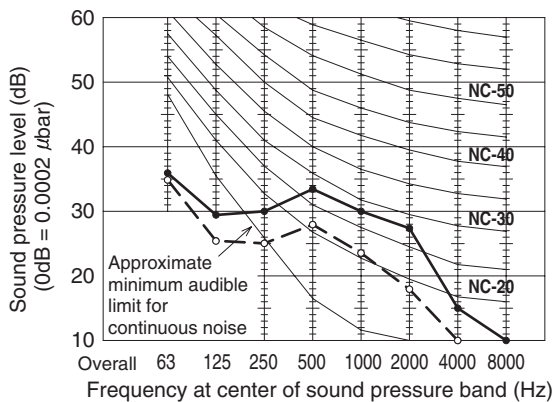
Front view  
Wall Mounted Type



# 5. Wall Mounted Type (K1 Type)

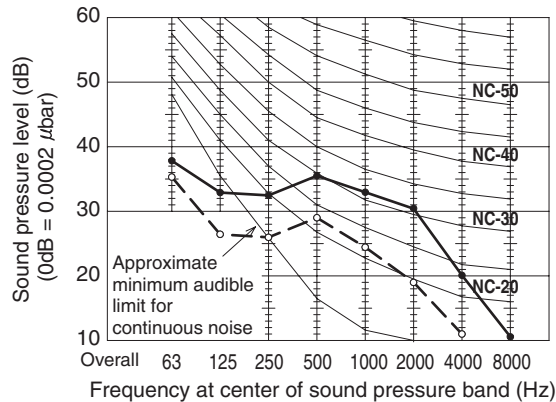
## 5-4. Noise Criterion Curves

MODEL	: S-22MK1E5 / 28MK1E5
SOUND LEVEL	: STRONG 35 dB(A)
	: HIGH 32 dB(A)
	: LOW 28 dB(A)
CONDITION	: 1 m in front at height of 1 m

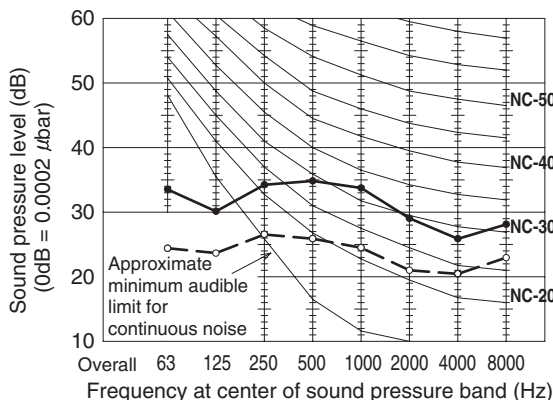


Both 50Hz and 60Hz

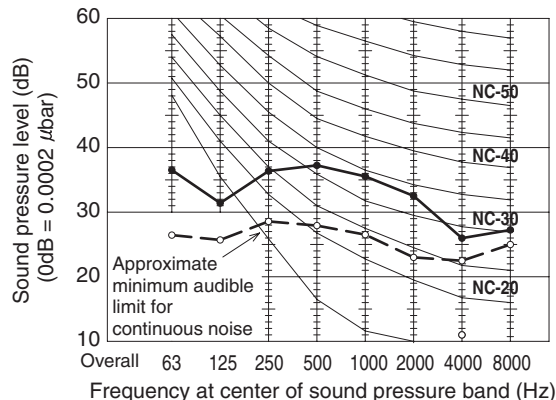
MODEL	: S-36MK1E5
SOUND LEVEL	: STRONG 37 dB(A)
	: HIGH 33 dB(A)
	: LOW 29 dB(A)
CONDITION	: 1 m in front at height of 1 m



MODEL	: S-45MK1E5
SOUND LEVEL	: STRONG 38 dB(A)
	: HIGH 34 dB(A)
	: LOW 30 dB(A)
CONDITION	: 1 m in front at height of 1 m

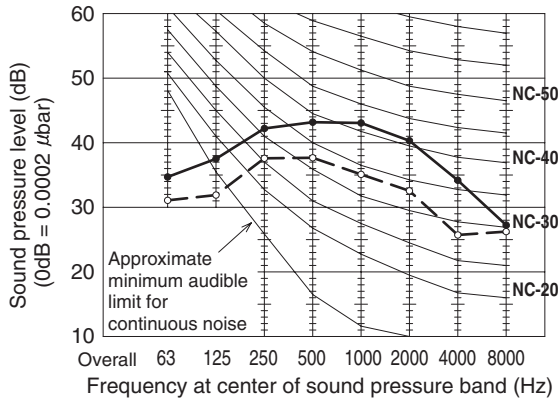


MODEL	: S-56MK1E5
SOUND LEVEL	: STRONG 40 dB(A)
	: HIGH 36 dB(A)
	: LOW 32 dB(A)
CONDITION	: 1 m in front at height of 1 m



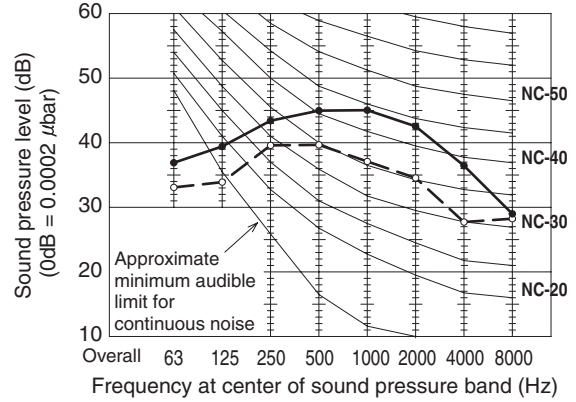
## 5. Wall Mounted Type (K1 Type)

MODEL	: S-73MK1E5
SOUND LEVEL : STRONG	47 dB(A)
HIGH	44 dB(A)
LOW	40 dB(A)
CONDITION	: 1 m in front at height of 1 m



Both 50Hz and 60Hz

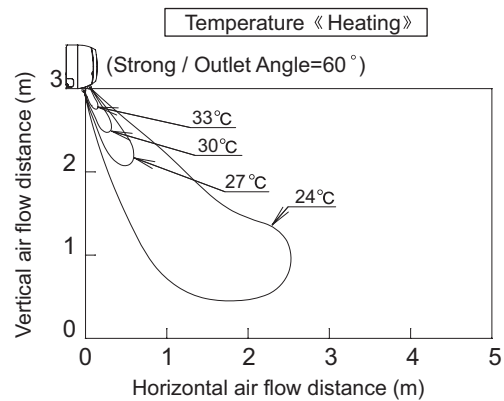
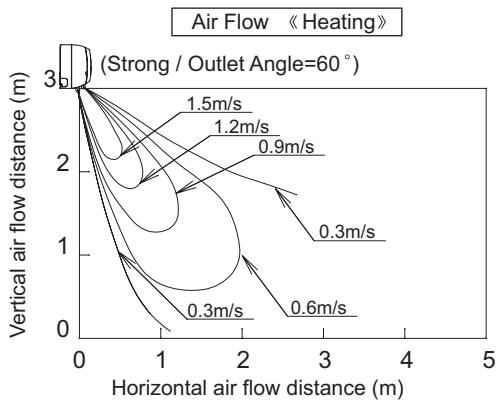
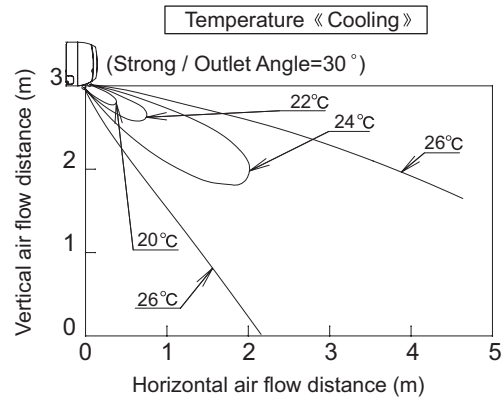
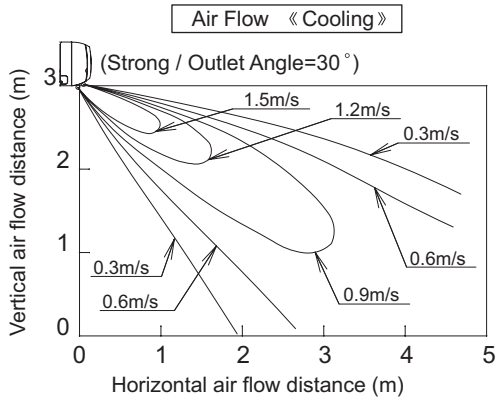
MODEL	: S-106MK1E5
SOUND LEVEL : STRONG	49 dB(A)
HIGH	45 dB(A)
LOW	42 dB(A)
CONDITION	: 1 m in front at height of 1 m



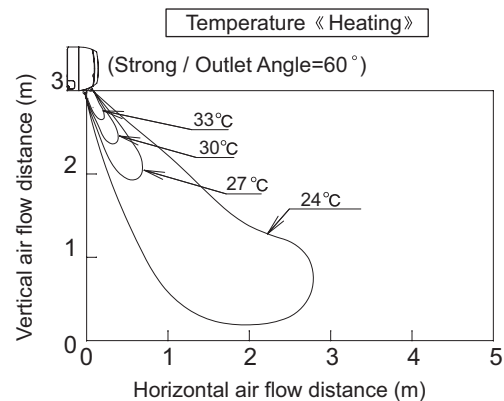
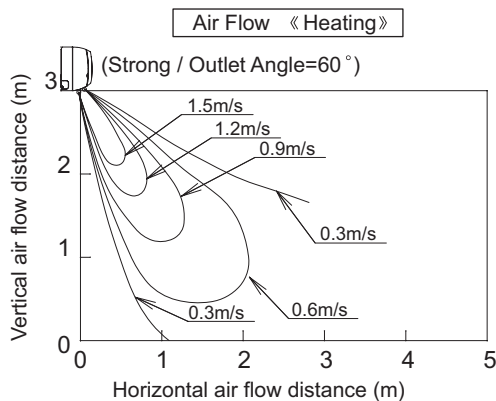
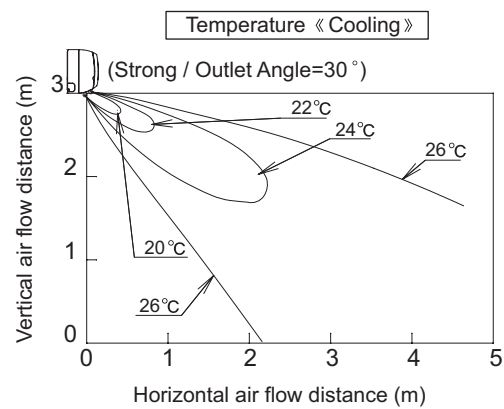
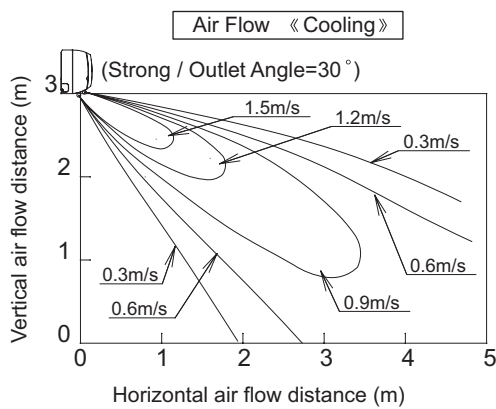
## 5. Wall Mounted Type (K1 Type)

### 5-5. Air Flow Distance / Temperature Chart

• S-22MK1E5 / 28MK1E5



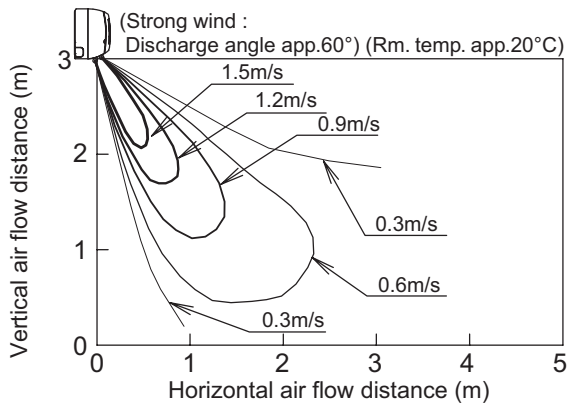
• S-36MK1E5



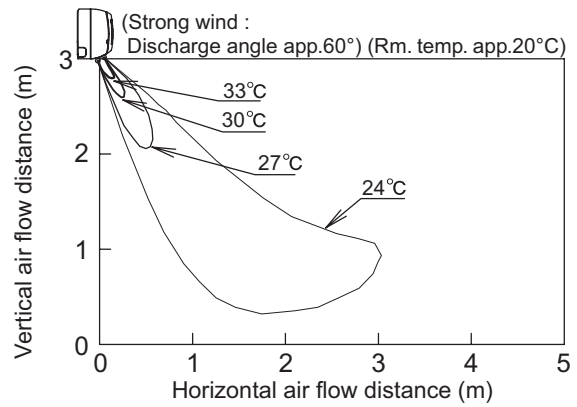
## 5. Wall Mounted Type (K1 Type)

### • S-45MK1E5

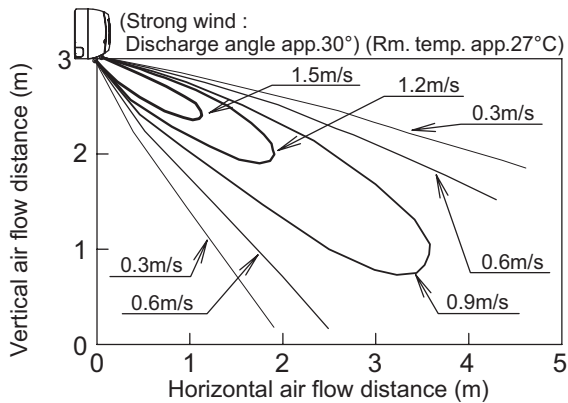
Heating : Distribution of wind velocity



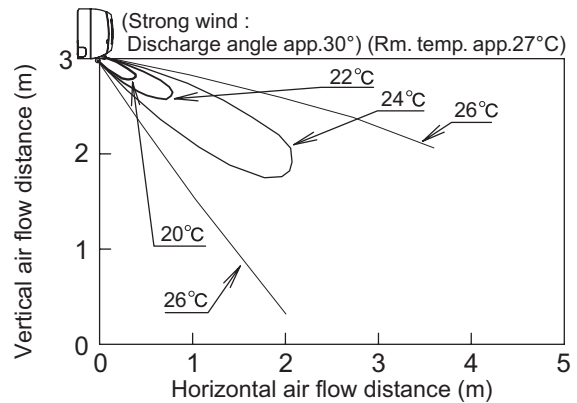
Heating : Distribution of temperature



Cooling : Distribution of wind velocity

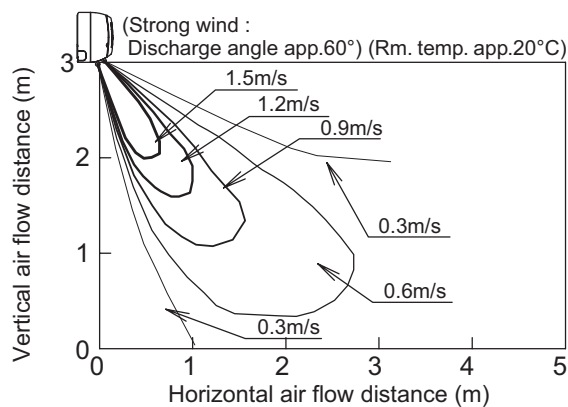


Cooling : Distribution of temperature

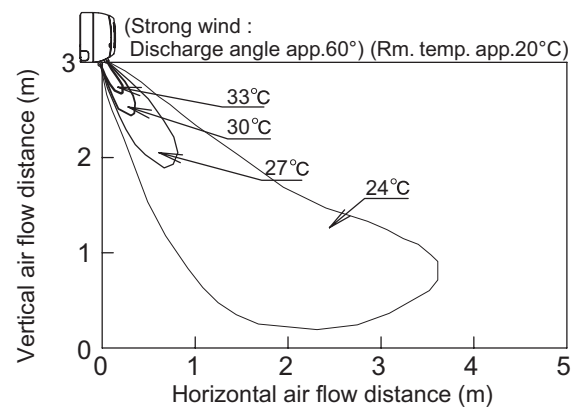


### • S-56MK1E5

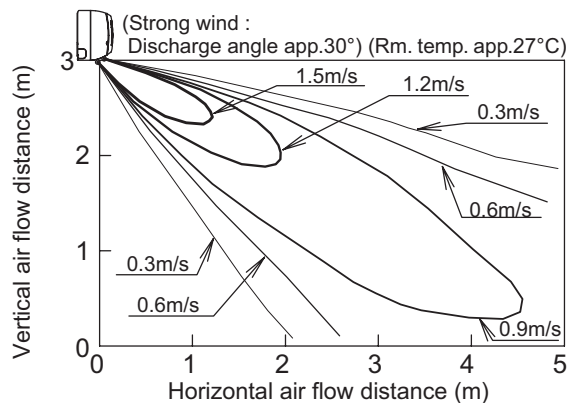
Heating : Distribution of wind velocity



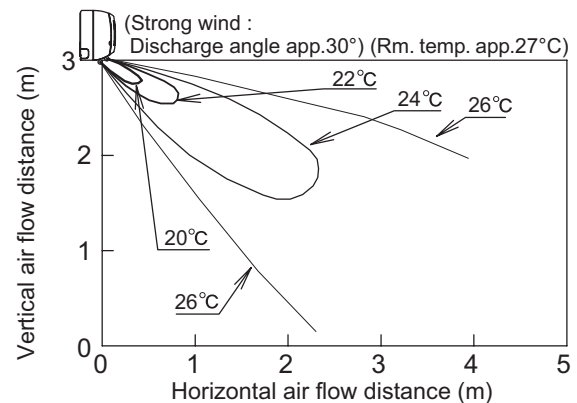
Heating : Distribution of temperature



Cooling : Distribution of wind velocity



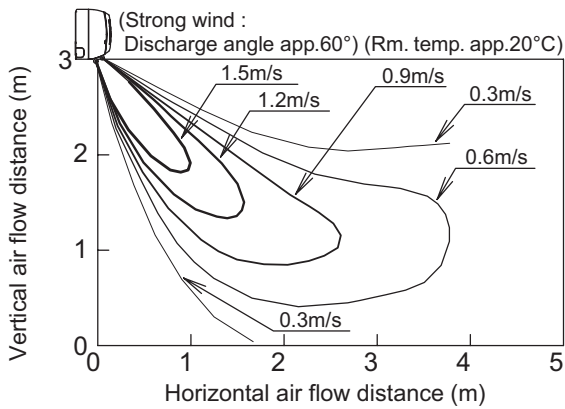
Cooling : Distribution of temperature



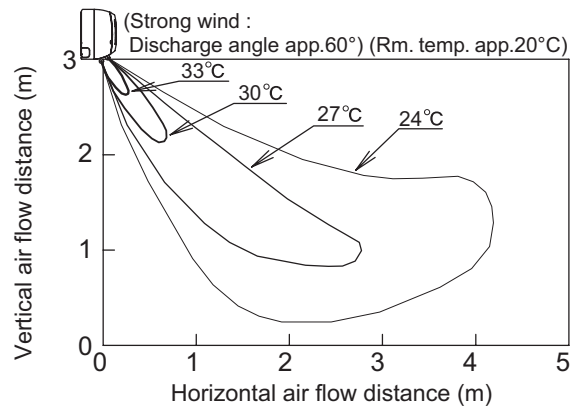
## 5. Wall Mounted Type (K1 Type)

### • S-73MK1E5

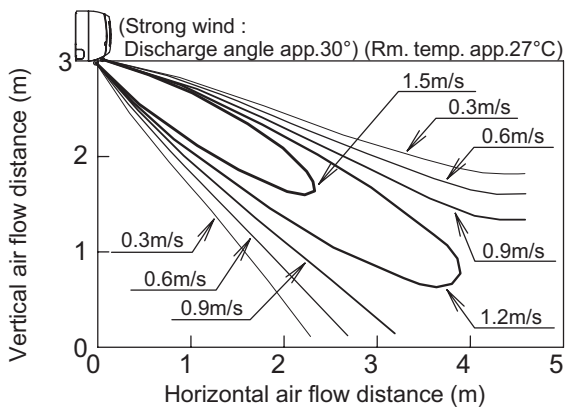
Heating : Distribution of wind velocity



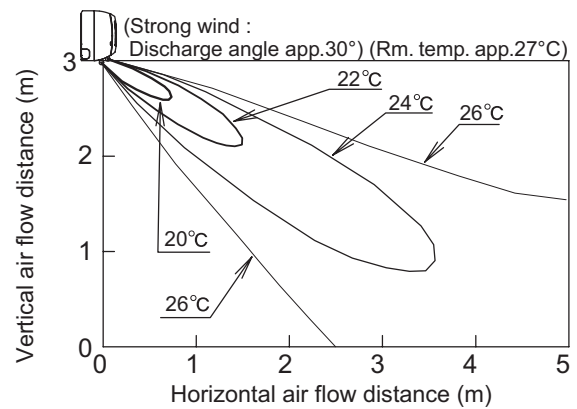
Heating : Distribution of temperature



Cooling : Distribution of wind velocity

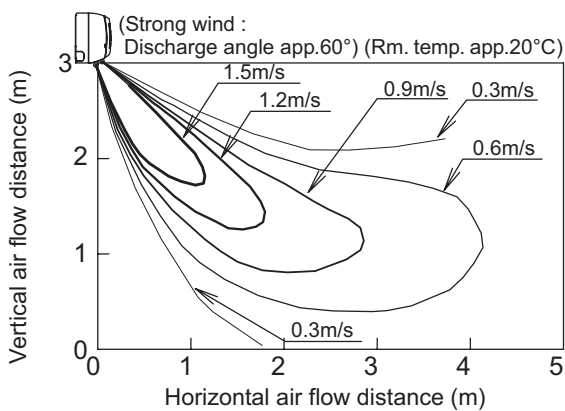


Cooling : Distribution of temperature

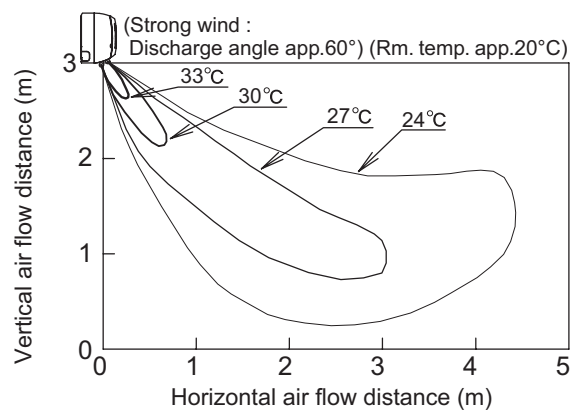


### • S-106MK1E5

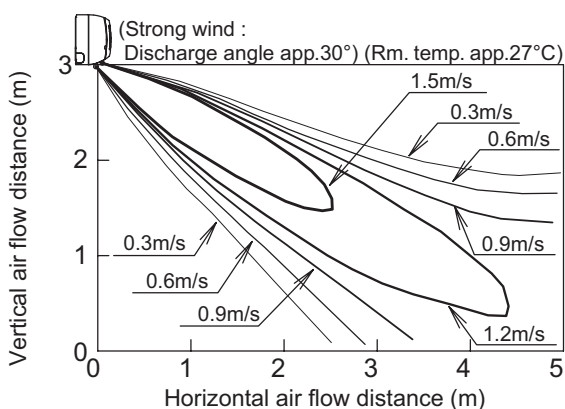
Heating : Distribution of wind velocity



Heating : Distribution of temperature



Cooling : Distribution of wind velocity



Cooling : Distribution of temperature

