

NEW
2021


nanoe™ X as a standard.

NEW PACi NX Series Elite adaptive ducted unit Inverter+ • R32

New design duct range PF3.

2 installation possibilities (horizontal / vertical) with high ESP 150Pa allows flexible installation.



			Single phase						
			3,6 kW	5,0 kW	6,0 kW	7,1 kW	10,0 kW	12,5 kW	14,0 kW
Kit			KIT-36PFH3Z5	KIT-50PFH3Z5	KIT-60PFH3Z5	KIT-71PFH3Z5	KIT-100PFH3Z5	KIT-125PFH3Z5	KIT-140PFH3Z5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	3,6(1,2 - 4,0)	5,0(1,2 - 5,6)	5,7(1,2 - 6,3)	6,8(2,2 - 7,8)	9,5(3,1 - 11,4)	12,1(3,2 - 13,6)	13,4(3,3 - 15,3)
EER ¹⁾		W/W	4,24	3,42	3,68	3,74	4,17	3,58	3,38
SEER / η _{sc} ²⁾			6,8 A++	6,1 A++	7,1 A++	7,1 A++	7,4 A++	281,7 %	275,9 %
P _{design}		kW	3,6	5,0	5,7	6,8	9,5	12,1	13,4
Input power cooling		kW	0,850	1,46	1,55	1,82	2,28	3,38	3,96
Annual energy consumption ³⁾		kWh/a	185	287	281	332	447	—	—
Heating capacity	Nominal (Min - Max)	kW	4,0(1,2 - 5,0)	5,6(1,2 - 6,5)	7,0(1,2 - 8,0)	7,5(2,0 - 9,0)	10,8(3,1 - 13,5)	13,5(3,2 - 15,4)	15,5(3,3 - 17,4)
COP ¹⁾		W/W	4,17	3,61	3,74	4,03	3,97	3,46	3,44
SCOP / η _{sc} ²⁾			4,5 A+	4,2 A+	4,4 A+	4,7 A++	4,5 A+	170,0 %	171,0 %
P _{design} at -10 °C		kW	3,6	4,0	4,7	4,7	7,8	9,3	9,5
Input power heating		kW	0,96	1,55	1,87	1,86	2,72	3,90	4,51
Annual energy consumption ³⁾		kWh/a	1120	1333	1495	1393	2424	—	—
Indoor unit			S-3650PF3E	S-3650PF3E	S-6071PF3E	S-6071PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E
External static pressure ⁴⁾	Nominal (Min - Max)	Pa	30(10 - 150)	30(10 - 150)	30(10 - 150)	30(10 - 150)	40(10 - 150)	50(10 - 150)	50(10 - 150)
Air flow	Hi / Med / Lo	m³/min	14,0/13,0/10,0	16,0/15,0/12,0	21,0/19,0/15,0	21,0/19,0/15,0	32,0/26,0/21,0	34,0/29,0/23,0	36,0/32,0/25,0
Moisture removal volume		L/h	0,9	1,9	1,7	2,7	3,2	4,1	4,9
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	30/27/22	34/30/25	30/26/23	30/26/23	33/29/25	35/31/27	39/35/29
Sound power	Hi / Med / Lo	dB(A)	53/50/45	57/53/48	53/49/46	53/49/46	56/52/48	58/54/50	62/58/52
Dimension	H x W x D	mm	250 x 800 x 730	250 x 800 x 730	250 x 1000 x 730	250 x 1000 x 730	250 x 1400 x 730	250 x 1400 x 730	250 x 1400 x 730
Net weight		kg	25	25	30	30	39	39	39
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2
Outdoor unit			U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH3E5	U-100PZH3E5	U-125PZH3E5	U-140PZH3E5
Power source		V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current	Cool	A	4,20 - 4,00 - 3,85	6,90 - 6,60 - 6,35	7,25 - 6,95 - 6,65	9,00 - 8,60 - 8,25	11,10-10,80-10,30	16,50-15,80-15,10	19,60-18,70-17,90
	Heat	A	4,70 - 4,50 - 4,30	7,35 - 7,00 - 6,75	8,65 - 8,30 - 7,95	9,00 - 8,60 - 8,35	13,30-12,70-12,20	19,10-18,20-17,50	22,00-21,10-20,20
Air flow	Cool / Heat	m³/min	34,1/36,4	42,0/42,0	42,0/42,0	61,0/60,0	118,0/108,0	125,0/112,0	129,0/116,0
Sound pressure	Cool / Heat (Hi)	dB(A)	43/44	46/48	47/50	48/50	52/52	53/53	54/54
Sound power	Cool / Heat (Hi)	dB(A)	62/64	64/67	65/69	65/67	69/69	70/70	71/71
Dimension	H x W x D	mm	695 x 875 x 320	695 x 875 x 320	695 x 875 x 320	996 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340
Net weight		kg	42	42	43	65	98	98	98
Pipe diameter	Liquid pipe	Inch (mm)	1/4(6,35)	1/4(6,35)	1/4(6,35) ⁴⁾	3/8(9,52)	3/8(9,52)	3/8(9,52)	3/8(9,52)
	Gas pipe	Inch (mm)	1/2(12,70)	1/2(12,70)	1/2(12,70) ⁷⁾	5/8(15,88)	5/8(15,88)	5/8(15,88)	5/8(15,88)
Pipe length range		m	3 ~ 40	3 ~ 40	3 ~ 40	5 ~ 50	5 ~ 85	5 ~ 85	5 ~ 85
Elevation difference (in/out) ⁸⁾		m	15/30 ⁴⁾	15/30 ⁸⁾	15/30 ⁹⁾	15/30 ⁹⁾	15/30 ⁹⁾	15/30 ⁹⁾	15/30 ⁹⁾
Pipe length for additional gas		m	30	30	30	30	30	30	30
Additional gas amount		g/m	15	15	15	45	45	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	1,13/0,76	1,13/0,76	1,15/0,78	1,95/1,32	3,05/2,06	3,05/2,06	3,05/2,06
Operating range	Cool Min ~ Max	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +48	-20 ~ +48 ¹⁰⁾	-20 ~ +48 ¹⁰⁾	-20 ~ +48 ¹⁰⁾
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

Technical focus

- 2 installation possibilities (horizontal / vertical)
- Maximum external static pressure: 150 Pa
- Selectable inlet air position (rear / bottom entry)
- Improved drain pan suitable for both horizontal / vertical installation
- Drain pump included
- nanoe™ X (Generator Mark 2= 9,6 trillion hydroxyl radicals/sec) as standard for the long duct piping case*
- Wired remote control CZ-RTC6BL allows easy system setting via Bluetooth®

* The performance of nanoe™ X air can be expected even by 10 m long duct by Panasonic internal survey.

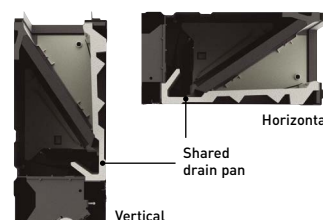
2 installation possibilities (horizontal / vertical)

Vertical installation is newly available.
ESP 150Pa, sufficient for remotely installing units away from the rooms.



Improved drain pan design

Drain pan is shared in both cases horizontal and vertical installation.
No need to alternate anymore.





CZ-RTC5B



CONEX



Optional controller.
CONEX wired remote
controller.
CZ-RTC6 - CZ-RTC6BL
- CZ-RTC6BLW



Optional controller.
Infrared remote
controller.
CZ-RWS3 +
CZ-RWRC3



Optional Econavi
sensor.
CZ-CENSC1

COMPATIBLE WITH ALL PANASONIC
CONNECTIVITY SOLUTIONS. FOR
DETAILED INFORMATION GO TO THE
CONTROL SYSTEMS SECTION

			Three phase			
			7,1 kW	10,0 kW	12,5 kW	14,0 kW
Kit			KIT-71PFH3Z8	KIT-100PFH3Z8	KIT-125PFH3Z8	KIT-140PFH3Z8
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	6,8[2,2 - 7,8]	9,5[3,1 - 11,4]	12,1[3,2 - 13,6]	13,4[3,3 - 15,3]
EER ¹⁾		W/W	3,74	4,17	3,58	3,38
SEER / η_{sc} ²⁾			7,0 A++	7,3 A++	281,0 %	275,2 %
Pdesign		kW	6,8	9,5	12,1	13,4
Input power cooling		kW	1,82	2,28	3,38	3,96
Annual energy consumption ³⁾		kWh/a	338	451	—	—
Heating capacity	Nominal (Min - Max)	kW	7,5[2,0 - 9,0]	10,8[3,1 - 13,5]	13,5[3,2 - 15,4]	15,5[3,3 - 17,4]
COP ¹⁾		W/W	4,03	3,97	3,46	3,44
SCOP / η_{sc} ²⁾			4,7 A++	4,5 A+	170,0 %	171,0 %
Pdesign at -10 °C		kW	4,7	7,8	9,3	9,5
Input power heating		kW	1,86	2,72	3,9	4,51
Annual energy consumption ³⁾		kWh/a	1394	2424	—	—
Indoor unit			S-6071PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E
External static pressure ⁴⁾	Nominal (Min - Max)	Pa	30[10 - 150]	40[10 - 150]	50[10 - 150]	50[10 - 150]
Air flow	Hi / Med / Lo	m³/min	21,0/19,0/15,0	32,0/26,0/21,0	34,0/29,0/23,0	36,0/32,0/25,0
Moisture removal volume		L/h	2,7	3,2	4,1	4,9
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	30/26/23	33/29/25	35/31/27	39/35/29
Sound power	Hi / Med / Lo	dB(A)	53/49/46	56/52/48	58/54/50	62/58/52
Dimension	H x W x D	mm	250 x 1000 x 730	250 x 1400 x 730	250 x 1400 x 730	250 x 1400 x 730
Net weight		kg	30	39	39	39
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2
Outdoor unit			U-71PZH3E8	U-100PZH3E8	U-125PZH3E8	U-140PZH3E8
Power source		V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
Current	Cool	A	3,00 - 2,90 - 2,80	3,80 - 3,60 - 3,50	5,60 - 5,30 - 5,15	6,60 - 6,30 - 6,05
	Heat	A	3,05 - 2,95 - 2,85	4,50 - 4,30 - 4,15	6,45 - 6,10 - 5,90	7,55 - 7,15 - 6,90
Air flow	Cool / Heat	m³/min	61,0/60,0	118,0/108,0	125,0/112,0	129,0/116,0
Sound pressure	Cool / Heat (Hi)	dB(A)	48/50	52/52	53/53	54/54
Sound power	Cool / Heat (Hi)	dB(A)	65/67	69/69	70/70	71/71
Dimension	H x W x D	mm	996 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340
Net weight		kg	65	98	98	98
Pipe diameter	Liquid pipe	Inch (mm)	3/8(9,52)	3/8(9,52)	3/8(9,52)	3/8(9,52)
	Gas pipe	Inch (mm)	5/8(15,88)	5/8(15,88)	5/8(15,88)	5/8(15,88)
Pipe length range		m	5 ~ 50	5 ~ 85	5 ~ 85	5 ~ 85
Elevation difference (in/out) ⁸⁾		m	15/30 ⁹⁾	15/30 ⁹⁾	15/30 ⁹⁾	15/30 ⁹⁾
Pipe length for additional gas		m	30	30	30	30
Additional gas amount		g/m	45	45	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	1,95/1,32	3,05/2,06	3,05/2,06	3,05/2,06
Operating range	Cool Min ~ Max	°C	-15 ~ +48	-20 ~ +48 ¹⁰⁾	-20 ~ +48 ¹⁰⁾	-20 ~ +48 ¹⁰⁾
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

Accessories

CZ-RTC6	CONEX wired remote controller (non-wireless)
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRC3	Infrared remote controller
CZ-CAPWFC1	Commercial Wi-Fi Adaptor
PAW-PACR3	Interfaces to run 3 units on Backup and alternative run

Accessories

PAW-WTRAY	Tray for condenser water compatible with outdoor elevation platform
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption
PAW-GRDSTD40	Outdoor elevation platform 400 x 900 x 400 mm
CZ-CENSC1	Econavi energy savings sensor
CZ-56DAF2	Air outlet plenum for S-3650PF3E
CZ-90DAF2	Air outlet plenum for S-6071PF3E
CZ-160DAF2	Air outlet plenum for S-1014PF3E

1) EER and COP calculation is based in accordance to EN14511. 2) For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the η_{sc} / η_{sh} values is calculated based on EN 14825. 3) Factory setting. 4) Medium external static pressure setting from factory. 5) The sound pressure of the units shows the value measured of the position 1,5 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 6) Connect the liquid socket tube (Ø6,35-Ø9,52) to the liquid tubing side indoor unit. 7) Connect the gas socket tube (Ø12,70-Ø15,88) to the gas tubing side indoor unit. 8) When installing the outdoor unit at a higher position than the indoor unit. 9) Outdoor unit located lower / outdoor unit located higher. 10) For models 100 ~ 140PZH3E5(8), it is possible to operate the lowest -20 °C in the computer rooms with the piping length of 30 m or less. * Recommended fuse for the indoor 3 A. ** Above values are in the case of standard installation(horizontal installation in the ceiling, rear side air intake) and nanoe™ X OFF.



SEER and SCOP: For S-6071PF3E + U-71PZH3E5. SUPER QUIET: For S-3650PF3E + U-36PZH3E5. INTERNET CONTROL: Optional.

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.

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			Single phase						
			3,6 kW	5,0 kW	6,0 kW	7,1 kW	10,0 kW	12,5 kW	14,0 kW
Kit			KIT-36PF3Z5	KIT-50PF3Z5	KIT-60PF3Z5	KIT-71PF3Z5	KIT-100PF3Z5	KIT-125PF3Z5	KIT-140PF3Z5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	3,4(1,5 - 4,0)	5,0(1,5 - 5,3)	5,7(2,0 - 6,3)	6,8(2,6 - 7,7)	9,5(3,0 - 11,4)	12,1(3,2 - 13,5)	13,4(3,3 - 15,0)
EER ¹⁾	Nominal (Min - Max)	W/W	3,78	2,78	3,54	3,18	3,57(5,08 - 2,36)	3,40(5,08 - 2,76)	3,16(5,08 - 2,56)
SEER / η _{sc} ²⁾			6,0 A+	6,5 A++	6,4 A++	6,0 A+	6,6 A++	257,4 %	252,2 %
P _{design}		kW	3,4	5,0	5,7	6,8	9,5	12,1	13,4
Input power cooling	Nominal (Min - Max)	kW	0,9	1,8	1,61	2,14	2,66(0,59 - 4,84)	3,56(0,63 - 4,90)	4,24(0,65 - 5,86)
Annual energy consumption ³⁾		kWh/a	198	267	310	391	502	—	—
Heating capacity	Nominal (Min - Max)	kW	3,4(1,5 - 4,6)	5,0(1,5 - 5,9)	5,7(1,8 - 7,0)	6,8(2,1 - 8,1)	9,5(3,0 - 13,5)	12,1(3,3 - 15,0)	13,4(3,4 - 16,0)
COP ¹⁾	Nominal (Min - Max)	W/W	4,15	3,62	4,04	4,00	4,09(5,08 - 3,00)	3,56(5,24 - 3,16)	3,76(5,23 - 3,03)
SCOP / η _{sc} ²⁾			4,0 A+	4,0 A+	4,4 A+	4,1 A+	3,9 A	142,6 %	140,6 %
P _{design} at -10 °C		kW	2,4	3,8	4,4	4,7	7,8	9,3	9,5
Input power heating	Nominal (Min - Max)	kW	0,82	1,38	1,41	1,7	2,32(0,59 - 4,50)	3,40(0,63 - 4,74)	3,56(0,65 - 5,28)
Annual energy consumption ³⁾		kWh/a	839	1303	1376	1591	2795	—	—
Indoor unit			S-3650PF3E	S-3650PF3E	S-6071PF3E	S-6071PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E
External static pressure ⁴⁾	Nominal (Min - Max)	Pa	30(10 - 150)	30(10 - 150)	30(10 - 150)	30(10 - 150)	40(10 - 150)	50(10 - 150)	50(10 - 150)
Air flow	Hi / Med / Lo	m³/min	14,0/13,0/10,0	16,0/15,0/12,0	21,0/19,0/15,0	21,0/19,0/15,0	32,0/26,0/21,0	34,0/29,0/23,0	36,0/32,0/25,0
Moisture removal volume		L/h	0,9	1,9	1,7	2,7	3,2	4,1	4,9
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	30/27/22	34/30/25	30/26/23	30/26/23	33/29/25	35/31/27	39/35/29
Sound power	Hi / Med / Lo	dB(A)	53/50/45	57/53/48	53/49/46	53/49/46	56/52/48	58/54/50	62/58/52
Dimension	H x W x D	mm	250 x 800 x 730	250 x 800 x 730	250 x 1000 x 730	250 x 1000 x 730	250 x 1400 x 730	250 x 1400 x 730	250 x 1400 x 730
Net weight		kg	25	25	30	30	39	39	39
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2
Outdoor unit			U-36PZ3E5	U-50PZ3E5	U-60PZ3E5A	U-71PZ3E5A	U-100PZ3E5	U-125PZ3E5	U-140PZ3E5
Power source		V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current	Cool	A	4,15 - 4,00 - 3,85	8,35 - 8,00 - 7,65	7,45 - 7,15 - 6,85	9,95 - 9,50 - 9,10	13,30 - 12,70 - 12,20	17,20 - 16,40 - 15,80	20,50 - 19,60 - 18,8
	Heat	A	3,85 - 3,70 - 3,50	6,45 - 6,20 - 5,95	6,55 - 6,25 - 6,00	7,90 - 7,55 - 7,25	11,60 - 11,10 - 10,60	16,40 - 15,70 - 15,00	17,20 - 16,40 - 15,80
Air flow	Cool / Heat	m³/min	33,6/34,0	32,7/31,9	42,6/41,5	44,7/45,9	73,0/73,0	82,0/80,0	84,0/82,0
Sound pressure	Cool / Heat (Hi)	dB(A)	46/47	46/46	47/48	48/49	52/52	55/55	56/56
Sound power	Cool / Heat (Hi)	dB(A)	64/66	64/64	64/65	66/68	70/70	73/73	74/74
Dimension	H x W x D	mm	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320	695 x 875 x 320	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370
Net weight		kg	32	35	42	50	83	87	87
Pipe diameter	Liquid pipe	Inch (mm)	1/4(Ø6,35)	1/4(Ø6,35)	1/4(Ø6,35) ⁶⁾	1/4(Ø6,35) ⁶⁾	3/8(9,52)	3/8(9,52)	3/8(9,52)
	Gas pipe	Inch (mm)	1/2(Ø12,7)	1/2(Ø12,7)	1/2(Ø12,7) ⁷⁾	5/8(Ø15,88)	5/8(15,88)	5/8(15,88)	5/8(15,88)
Pipe length range		m	3 - 15	3 - 20	3 - 40	3 - 40	5 - 50	5 - 50	5 - 50
Elevation difference (in/out) ⁸⁾		m	15/15 ⁹⁾	15/15 ⁹⁾	15/30 ⁹⁾	20/30 ⁹⁾	15/30 ⁹⁾	15/30 ⁹⁾	15/30 ⁹⁾
Pipe length for additional gas		m	7,5	7,5	30	30	30	30	30
Additional gas amount		g/m	10	15	15	17	45	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	0,87/0,59	1,14/0,77	1,15/0,78	1,32/0,89	2,40/1,62	2,80/1,89	2,80/1,89
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

Technical focus

- 2 installation possibilities (horizontal / vertical)
- Maximum external static pressure: 150 Pa
- Selectable inlet air position (rear / bottom entry)
- Improved drain pan suitable for both horizontal / vertical installation
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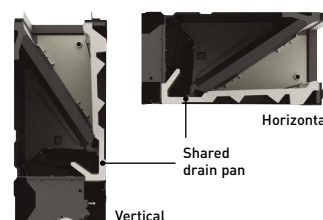
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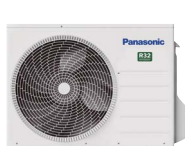

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No need to alternate anymore.





CZ-RTC5B



CONEX



Optional controller.
CONEX wired remote
controller.
CZ-RTC6 - CZ-RTC6BL
- CZ-RTC6BLW



Optional controller.
Infrared remote
controller.
CZ-RWS3 +
CZ-RWRC3



Optional Econavi
sensor.
CZ-CENSC1

COMPATIBLE WITH ALL PANASONIC
CONNECTIVITY SOLUTIONS. FOR
DETAILED INFORMATION GO TO THE
CONTROL SYSTEMS SECTION

			Three phase		
			10,0 kW	12,5 kW	14,0 kW
Kit			KIT-100PF3Z8	KIT-125PF3Z8	KIT-140PF3Z8
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	9,5(3,0 - 11,4)	12,1(3,2 - 13,5)	13,4(3,3 - 15,0)
EER ¹⁾	Nominal (Min - Max)	W/W	3,57(5,08 - 2,36)	3,40(5,08 - 2,76)	3,16(5,08 - 2,56)
SEER / η_{sc} ²⁾			6,5 A++	256,2 %	251,4 %
Pdesign		kW	9,5	12,1	13,4
Input power cooling	Nominal (Min - Max)	kW	2,66(0,59 - 4,84)	3,56(0,63 - 4,90)	4,24(0,65 - 5,86)
Annual energy consumption ³⁾		kWh/a	508	—	—
Heating capacity	Nominal (Min - Max)	kW	9,5(3,0 - 13,5)	12,1(3,3 - 15,0)	13,4(3,4 - 16,0)
COP ¹⁾	Nominal (Min - Max)	W/W	4,09(5,08 - 3,00)	3,56(5,24 - 3,16)	3,76(5,23 - 3,03)
SCOP / η_{sc} ²⁾			3,9 A	142,6 %	140,6 %
Pdesign at -10 °C		kW	7,8	9,3	9,5
Input power heating	Nominal (Min - Max)	kW	2,32(0,59 - 4,50)	3,40(0,63 - 4,74)	3,56(0,65 - 5,28)
Annual energy consumption ³⁾		kWh/a	2795	—	—
Indoor unit			S-1014PF3E	S-1014PF3E	S-1014PF3E
External static pressure ⁴⁾	Nominal (Min - Max)	Pa	40(10 - 150)	50(10 - 150)	50(10 - 150)
Air flow	Hi / Med / Lo	m³/min	32,0/26,0/21,0	34,0/29,0/23,0	36,0/32,0/25,0
Moisture removal volume		L/h	3,2	4,1	4,9
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	33/29/25	35/31/27	39/35/29
Sound power	Hi / Med / Lo	dB(A)	56/52/48	58/54/50	62/58/52
Dimension	HxWxD	mm	250 x 1400 x 730	250 x 1400 x 730	250 x 1400 x 730
Net weight		kg	39	39	39
nanoe X Generator			Mark 2	Mark 2	Mark 2
Outdoor unit			U-100PZ3E8	U-125PZ3E8	U-140PZ3E8
Power source		V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
Current	Cool	A	4,45 - 4,20 - 4,05	5,75 - 5,45 - 5,25	6,85 - 6,50 - 6,30
	Heat	A	3,85 - 3,70 - 3,55	5,50 - 5,20 - 5,05	5,75 - 5,45 - 5,25
Air flow	Cool / Heat	m³/min	73,0/73,0	82,0/80,0	84,0/82,0
Sound pressure	Cool / Heat (Hi)	dB(A)	52/52	55/55	56/56
Sound power	Cool / Heat (Hi)	dB(A)	70/70	73/73	74/74
Dimension	HxWxD	mm	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370
Net weight		kg	83	87	87
Pipe diameter	Liquid pipe	Inch (mm)	3/8(9,52)	3/8(9,52)	3/8(9,52)
	Gas pipe	Inch (mm)	5/8(15,88)	5/8(15,88)	5/8(15,88)
Pipe length range		m	5 ~ 50	5 ~ 50	5 ~ 50
Elevation difference (in/out) ⁸⁾		m	15/30 ⁹⁾	15/30 ⁹⁾	15/30 ⁹⁾
Pipe length for additional gas		m	30	30	30
Additional gas amount		g/m	45	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	2,40/1,62	2,80/1,89	2,80/1,89
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24

Accessories

CZ-RTC6	CONEX wired remote controller (non-wireless)
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRC3	Infrared remote controller
CZ-CAPWFC1	Commercial Wi-Fi Adaptor
PAW-PACR3	Interfaces to run 3 units on Backup and alternative run

Accessories

PAW-WTRAY	Tray for condenser water compatible with outdoor elevation platform
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption
PAW-GRDSTD40	Outdoor elevation platform 400 x 900 x 400 mm
CZ-CENSC1	Econavi energy savings sensor
CZ-56DAF2	Air outlet plenum for S-3650PF3E
CZ-90DAF2	Air outlet plenum for S-6071PF3E
CZ-160DAF2	Air outlet plenum for S-1014PF3E

1) EER and COP calculation is based in accordance to EN14511. 2) For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the η_{sc} / η_{sh} values is calculated based on EN 14825. 3) Factory setting. 4) Medium external static pressure setting from factory. 5) The sound pressure of the units shows the value measured of the position 1,5 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 6) Connect the liquid socket tube (Ø6,35-Ø9,52) to the liquid tubing side indoor unit. 7) Connect the gas socket tube (Ø12,70-Ø15,88) to the gas tubing side indoor unit. 8) When installing the outdoor unit at a higher position than the indoor unit. 9) Outdoor unit located lower / outdoor unit located higher. * Recommended fuse for the indoor 3 A. ** Above values are in the case of standard installation(horizontal installation in the ceiling, rear side air intake) and nanoe™ X OFF.



SEER: For S-1014PF3E + U-100PZ3E5. SCOP: For S-6071PF3E + U-60PZ3E5A. SUPER QUIET: For S-3650PF3E + U-36PZ3E5. INTERNET CONTROL: Optional.

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.

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-2. Middle Static Pressure Duct Type S-3650PF3E(36) / U-36PZ3E5

INDOOR		MODEL	S-3650PF3E(36)			-			-		
PANEL		MODEL	-			-			-		
OUTDOOR		MODEL	-			U-36PZ3E5			-		
Branch pipe		MODEL	-			-			-		
Performance test condition			ISO13253 / EN14511 / EN12102 / EN14825								
Power supply			Ø, Hz		1Ø 50Hz						
			V	220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity	kW	3.4	3.4	3.4	-	-	-	1.5	4.0	
		BTU/h	11600	11600	11600	-	-	-	5100	13600	
	Current	A	-	-	-	4.15	4.00	3.85	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-	-	-	0.900k	0.900k	0.900k	0.300k	1.140k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	450	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"--"G")	-	-	-	3.78	3.78 / A	3.78	5.00	3.51
	ErP *6	Pdesign	kW	-	-	-	-	3.4	-	-	-
		SEER	(W/W)	-	-	-	-	6.0	-	-	-
		Annual consumption	kWh	-	-	-	-	198	-	-	-
	Class	-	-	-	-	-	A+	-	-	-	
	Power factor		%	-	-	-	98	-	98	-	-
Noise indoor *7	dB-A (H/M/L)	30 / 27 / 22							-	-	
	Power Level dB	53 / 50 / 45							-	-	
Noise outdoor	dB-A (H/L)	-				46 / -			-	-	
	Power Level dB	-				64 / -			-	-	
H E A T I N G	Capacity	kW	3.4	3.4	3.4	-	-	-	1.5	4.6	
		BTU/h	11600	11600	11600	-	-	-	5100	15700	
	Current	A	-	-	-	3.85	3.70	3.50	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-	-	-	0.820k	0.820k	0.820k	0.280k	1.310k	
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"--"G")	-	-	-	4.15	4.15 / A	4.15	5.36	3.51
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	2.4	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.0	-	-	-
		Annual consumption	kWh	-	-	-	-	839	-	-	-
		elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-
		Class	-	-	-	-	-	A+	-	-	-
	Power factor		%	-	-	-	97	-	97	-	-
	Noise indoor *7	dB-A (H/M/L)	30 / 27 / 22							-	-
		Power Level dB	53 / 50 / 45							-	-
	Noise outdoor	dB-A (H/L)	-				47 / -			-	-
		Power Level dB	-				66 / -			-	-
LOW TEMP	Total capacity(kW) / Input power(W) / COP					-	-	-	-	-	
EXTRA LOW TEMP	Total capacity(kW) / Input power(W) / COP					-	-	-	-	-	
Max Current(A) / Max Input power(W)			-	-	-	8.90 / 1.95k	8.90 / 1.99k	8.90 / 2.04k	-	-	
Starting current(A) (Cooling/Heating)			-	-	-	4.15 / 3.85	4.00 / 3.70	3.85 / 3.50	-	-	
Comp output(W)			-			1.10k	1.10k	1.10k	-	-	
Time Delay fuse max size(A)			-			15			-	-	
Network Impedance(ΩMAX.)			-			-			-	-	
Fan motor output (Indoor/Outdoor) W			107			40			-	-	
Moisture removal volume		L/h	0.9 (0.9 ×1)			-			-	-	
External static pressure		Pa	30 (MIN10 - MAX150)			-			-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	14.0 / 13.0 / 10.0			-			-	-	
	Heating	m³/min (H/M/L)	14.0 / 13.0 / 10.0			-			-	-	
Outdoor Air flow	Cooling	m³/min	-			33.6			-	-	
	Heating	m³/min	-			34.0			-	-	
Refrigerant type / amount(ship) kg / amount(max) kg			-			R32	0.870	0.950	-	-	
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			675	0.59	0.64	-	-	
Product dimension		Height mm	250			619			-	-	
		Width mm	800			824			-	-	
		Depth mm	730			299			-	-	
Product dimension (Panel)		H×W×D mm	-			-			-	-	
Packing dimension		Height mm	805			680			-	-	
		Width mm	1065			958			-	-	
		Depth mm	340			416			-	-	
Weight		(NET) kg	25			32			-	-	
		(GROSS) kg	30			35			-	-	
		Panel (NET) kg	-			-			-	-	
Layers limit (actually)			3 (4)			5 (6)			-	-	
Operation condition		Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-	-	
		Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C			-	-	
Max Working Pressure HP/LP MPa			4.15 / 2.55						-	-	
P I P I N G	Pipe port diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			-	-	
	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)						-	-	
	Connecting method		flared type			flared type			-	-	
	Standard length m		5 m						-	-	
	Pipe length range m		3 ~ 15 m						-	-	
	Indoor unit & Outdoor unit height difference m		15 m(OD located lower) / 15 m(OD located higher)						-	-	
	Add gas amount g/m		10 g/m						-	-	
Pipe length for additional gas m		7.5 m						-	-		

* In the case of standard installation (Horizontal installation in the ceiling, rear side air intake)

* In the case of nanoe X OFF

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season. Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1) Noise of L is indicated by the values at FAN mode

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-2. Middle Static Pressure Duct Type S-3650PF3E(50) / U-50PZ3E5

INDOOR			MODEL		S-3650PF3E(50)			-			-	
PANEL			MODEL		-			-			-	
OUTDOOR			MODEL		-			U-50PZ3E5			-	
Branch pipe			MODEL		-			-			-	
Performance test condition					ISO13253 / EN14511 / EN12102 / EN14825							
Power supply			Ø, Hz		1Ø 50Hz			1Ø 50Hz				
			V		220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity	kW		5.0	5.0	5.0	-	-	-	1.5	5.3	
		BTU/h		17100	17100	17100	-	-	-	5100	18100	
	Current	A		-	-	-	8.35	8.00	7.65	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	1.800k	1.800k	1.800k	0.320k	1.920k	
		TOTAL kWh *4		-	-	-	-	900	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	2.78	2.78 / D	2.78	4.69	2.76
	ErP *6	Pdesign kW		-	-	-	-	5.0	-	-	-	
		SEER (W/W)		-	-	-	-	6.5	-	-	-	
		Annual consumption kWh		-	-	-	-	267	-	-	-	
		Class		-	-	-	-	A++	-	-	-	
	Power factor		%		-	-	-	98	98	98	-	-
Noise indoor *7	dB-A (H/M/L)		34 / 30 / 25			-			-			
	Power Level dB		57 / 53 / 48			-			-			
	dB-A (H/L)		-			46 / -			-			
	Power Level dB		-			64 / -			-			
H E A T I N G	Capacity	kW		5.0	5.0	5.0	-	-	-	1.5	5.9	
		BTU/h		17100	17100	17100	-	-	-	5100	20100	
	Current	A		-	-	-	6.45	6.20	5.95	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	1.380k	1.380k	1.380k	0.280k	1.930k	
		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.62	3.62 / A	3.62	5.36	3.06	
	ErP *6	Pdesign at -10°C kW		-	-	-	-	3.8	-	-	-	
		Tbivalent °C		-	-	-	-	-10	-	-	-	
		SCOP (W/W)		-	-	-	-	4.0	-	-	-	
		Annual consumption kWh		-	-	-	-	1303	-	-	-	
		elbu(-10°C) kW		-	-	-	-	0.00	-	-	-	
		Class		-	-	-	-	A+	-	-	-	
	Power factor		%		-	-	-	97	97	97	-	-
	Noise indoor *7	dB-A (H/M/L)		34 / 30 / 25			-			-		
		Power Level dB		57 / 53 / 48			-			-		
		dB-A (H/L)		-			46 / -			-		
		Power Level dB		-			64 / -			-		
	LOW TEMP		Total capacity(kW) / Input power(W) / COP			-			-	-	-	-
EXTRA LOW TEMP		Total capacity(kW) / Input power(W) / COP			-			-	-	-	-	
Max Current(A) / Max Input power(W)					-	-	-	10.5 / 2.20k	10.5 / 2.25k	10.5 / 2.30k	-	
Starting current(A) (Cooling/Heating)					-	-	-	8.35 / 6.45	8.00 / 6.20	7.65 / 5.95	-	
Comp output(W)					-	-	-	1.50k	1.50k	1.50k	-	
Time Delay fuse max size(A)					-	-	-	-	15	-	-	
Network Impedance(ΩMAX.)					-	-	-	-	-	-	-	
Fan motor output (Indoor/Outdoor) W					-	107	-	-	40	-	-	
Moisture removal volume		L/h	1.9 (1.9 ×1)			-	-	-	-	-	-	
External static pressure		Pa	30 (MIN10 - MAX150)			-	-	-	-	-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	16.0 / 15.0 / 12.0			-	-	-	-	-	-	
	Heating	m³/min (H/M/L)	16.0 / 15.0 / 12.0			-	-	-	-	-	-	
Outdoor Air flow	Cooling	m³/min	-			-	-	32.7	-	-	-	
	Heating	m³/min	-			-	-	31.9	-	-	-	
Refrigerant type / amount(ship) kg / amount(max) kg					-	-	R32	1.140	1.330	-	-	
F-Gas	GWP /					-	-	675	0.77	0.90	-	
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)					-	-	-	-	-	-	
Product dimension		Height	mm	250			619			-		
		Width	mm	800			824			-		
		Depth	mm	730			299			-		
Product dimension (Panel)		H×W×D	mm	-			-			-		
Packing dimension		Height	mm	805			680			-		
		Width	mm	1065			958			-		
		Depth	mm	340			416			-		
Weight		(NET)	kg	25			35			-		
		(GROSS)	kg	30			38			-		
		Panel (NET)	kg	-			-			-		
		Layers limit (actually)		3 (4)			5 (6)			-		
Operation condition		Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-			
		Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C			-			
Max Working Pressure HP/LP MPa					4.15 / 2.55			-				
P I P I N G	Pipe port diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			-			
	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			-			-			
	Connecting method		flared type			flared type			-			
	Standard length m		5 m			-			-			
	Pipe length range m		3 ~ 20 m			-			-			
	Indoor unit & Outdoor unit height difference m		15 m(OD located lower) / 15 m(OD located higher)			-			-			
	Add gas amount g/m		15 g/m			-			-			
	Pipe length for additional gas m		7.5 m			-			-			

* In the case of standard installation (Horizontal installation in the ceiling, rear side air intake)

* In the case of nanoe X OFF

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season. Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1) Noise of L is indicated by the values at FAN mode

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-2. Middle Static Pressure Duct Type S-6071PF3E(60) / U-60PZ3E5A

INDOOR			MODEL		S-6071PF3E(60)			-			-				
PANEL			MODEL		-			-			-				
OUTDOOR			MODEL		-			U-60PZ3E5A			-				
Branch pipe			MODEL		-			-			-				
Performance test condition					ISO13253 / EN14511 / EN12102 / EN14825										
Power supply			Ø, Hz		1Ø 50Hz			1Ø 50Hz							
			V		220V	230V	240V	220V	230V	240V	Min	Max			
C O O L I N G	Capacity		kW		5.7	5.7	5.7	-	-	-	2.0	6.3			
			BTU/h		19400	19400	19400	-	-	-	6800	21500			
	Current		A		-	-	-	7.45	7.15	6.85	-	-			
			W		-	-	-	-	-	-	-	-			
	Input power		TOTAL W		-			1.610k	1.610k	1.610k	0.340k	2.400k			
			TOTAL kWh *4		-	-	-	-	805	-	-	-			
	EER/EER CLASS			TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.54	3.54 / A	3.54	5.88	2.63		
	ErP *6	Pdesign		kW		-	-	-	-	5.7	-	-	-		
		SEER		(W/W)		-	-	-	-	6.4	-	-	-		
		Annual consumption		kWh		-	-	-	-	310	-	-	-		
		Class		-		-	-	-	-	A++	-	-	-		
	Power factor			%		-	-	-	98	98	98	-	-		
Noise indoor *7			dB-A (H/M/L)		30 / 26 / 23			-			-	-			
			Power Level dB		53 / 49 / 46			-			-	-			
Noise outdoor			dB-A (H/L)		-			47 / -			-	-			
			Power Level dB		-			64 / -			-	-			
H E A T I N G	Capacity		kW		5.7	5.7	5.7	-	-	-	1.8	7.0			
			BTU/h		19400	19400	19400	-	-	-	6100	23900			
	Current		A		-	-	-	6.55	6.25	6.00	-	-			
			W		-	-	-	-	-	-	-	-			
	Input power		TOTAL W		-			1.410k	1.410k	1.410k	0.290k	2.480k			
			COP/COP CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.04	4.04 / A	4.04	6.21	2.82	
	ErP *6	Pdesign at -10°C		kW		-	-	-	-	4.4	-	-	-		
		Tbivalent		°C		-	-	-	-	-10	-	-	-		
		SCOP		(W/W)		-	-	-	-	4.4	-	-	-		
		Annual consumption		kWh		-	-	-	-	1376	-	-	-		
	elbu(-10°C)			kW		-	-	-	-	0.00	-	-	-		
	Class			-		-	-	-	-	A+	-	-	-		
	Power factor			%		-	-	-	98	98	98	-	-		
	Noise indoor *7			dB-A (H/M/L)		30 / 26 / 23			-			-	-		
				Power Level dB		53 / 49 / 46			-			-	-		
	Noise outdoor			dB-A (H/L)		-			48 / -			-	-		
				Power Level dB		-			65 / -			-	-		
LOW TEMP			Total capacity(kW) / Input power(W) / COP				-		-	-	-	-			
EXTRA LOW TEMP			Total capacity(kW) / Input power(W) / COP				-		-	-	-	-			
Max Current(A) / Max Input power(W)			-		-	-	13.1 / 2.60k	13.1 / 2.65k	13.1 / 2.70k	-					
Starting current(A) (Cooling/Heating)			-		-	-	7.45 / 6.55	7.15 / 6.25	6.85 / 6.00	-					
Comp output(W)			-		-	-	1.70k	1.70k	1.70k	-					
Time Delay fuse max size(A)			-		-	-	20			-					
Network Impedance(QMAX.)			-		-	-	-			-					
Fan motor output (Indoor/Outdoor) W			-		165	-	40			-					
Moisture removal volume			L/h		1.7 (1.7 ×1)		-			-					
External static pressure			Pa		30 (MIN10 - MAX150)		-			-					
Indoor Air flow *7	Cooling	m³/min (H/M/L)		21.0 / 19.0 / 15.0			-			-	-				
	Heating	m³/min (H/M/L)		21.0 / 19.0 / 15.0			-			-	-				
Outdoor Air flow	Cooling	m³/min		-			42.6			-	-				
Air flow	Heating	m³/min		-			41.5			-	-				
Refrigerant type / amount(ship) kg / amount(max) kg			-		-	-	R32	1.150	1.300	-					
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-		-	-	675	0.78	0.88	-					
Product dimension		Height	mm	250			695			-					
		Width	mm	1000			875			-					
		Depth	mm	730			320			-					
Product dimension (Panel)		H×W×D	mm	-			-			-					
Packing dimension		Height	mm	805			761			-					
		Width	mm	1265			1049			-					
		Depth	mm	340			460			-					
Weight		(NET)	kg	30			42			-					
		(GROSS)	kg	36			46			-					
		Panel (NET)	kg	-			-			-					
Layers limit (actually)			-		3 (4)	-	3 (4)			-					
Operation condition			Cool (DBT)		18°C ~ 32°C			-10°C ~ 43°C			-				
			Heat (DBT)		16°C ~ 30°C			-15°C ~ 24°C			-				
Max Working Pressure HP/LP MPa			-		4.15 / 2.55			-			-				
P I P I N G	Pipe port diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)				(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)				-				
	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)				*Connect the gas socket tube(Ø15.88-Ø12.7) to the gas tubing side indoor unit *Connect the liquid socket tube(Ø9.52-Ø6.35) to the liquid tubing side indoor unit						-		
	Connecting method		flared type				flared type				-				
	Standard length m		-				5 m				-				
	Pipe length range m		-				3 ~ 40 m				-				
	Indoor unit & Outdoor unit height difference m		-				15 m(OD located lower) / 30 m(OD located higher)				-				
	Add gas amount g/m		-				15 g/m				-				
	Pipe length for additional gas m		-				30 m				-				

* In the case of standard installation (Horizontal installation in the ceiling, rear side air intake)

* In the case of nanoe X OFF

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1) Noise of L is indicated by the values at FAN mode

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-2. Middle Static Pressure Duct Type S-6071PF3E(71) / U-71PZ3E5A

INDOOR			MODEL		S-6071PF3E(71)			-			
PANEL			MODEL		-			-			
OUTDOOR			MODEL		-			U-71PZ3E5A			
Branch pipe			MODEL		-			-			
Performance test condition					ISO13253 / EN14511 / EN12102 / EN14825						
Power supply			Ø, Hz		1Ø 50Hz			1Ø 50Hz			
			V		220V	230V	240V	220V	230V	240V	Min
C O O L I N G	Capacity	kW		6.8	6.8	6.8	-	-	-	2.6	7.7
		BTU/h		23200	23200	23200	-	-	-	8900	26300
	Current	A		-	-	-	9.95	9.50	9.10	-	-
		W		-	-	-	-	-	-	-	-
	Input power	TOTAL W		-	-	-	2.140k	2.140k	2.140k	0.570k	2.860k
		TOTAL kWh *4		-	-	-	-	1070	-	-	-
	EER/EER CLASS TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.18	3.18 / B	3.18	4.56	2.69	
	ErP *6	Pdesign kW		-	-	-	-	6.8	-	-	-
		SEER (W/W)		-	-	-	-	6.0	-	-	-
		Annual consumption kWh		-	-	-	-	391	-	-	-
		Class		-	-	-	-	A+	-	-	-
	Power factor		%		-	-	-	98	98	98	-
Noise indoor *7	dB-A (H/M/L)		30 / 26 / 23			-			-		-
	Power Level dB		53 / 49 / 46			-			-		-
	dB-A (H/L)		-			48 / -			-		-
	Power Level dB		-			66 / -			-		-
H E A T I N G	Capacity	kW		6.8	6.8	6.8	-	-	-	2.1	8.1
		BTU/h		23200	23200	23200	-	-	-	7200	27600
	Current	A		-	-	-	7.90	7.55	7.25	-	-
		W		-	-	-	-	-	-	-	-
	Input power	TOTAL W		-	-	-	1.700k	1.700k	1.700k	0.370k	2.670k
		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.00	4.00 / A	4.00	5.68	3.03
	ErP *6	Pdesign at -10°C kW		-	-	-	-	4.7	-	-	-
		Tbivalent °C		-	-	-	-	-10	-	-	-
		SCOP (W/W)		-	-	-	-	4.1	-	-	-
		Annual consumption kWh		-	-	-	-	1591	-	-	-
	elbu(-10°C)	kW		-	-	-	-	0.00	-	-	-
		Class		-	-	-	-	A+	-	-	-
Power factor		%		-	-	-	98	98	98	-	-
Noise indoor *7	dB-A (H/M/L)		30 / 26 / 23			-			-		-
	Power Level dB		53 / 49 / 46			-			-		-
	dB-A (H/L)		-			49 / -			-		-
	Power Level dB		-			68 / -			-		-
LOW TEMP	Total capacity(kW) / Input power(W) / COP				-			-	-	-	-
EXTRA LOW TEMP	Total capacity(kW) / Input power(W) / COP				-			-	-	-	-
Max Current(A) / Max Input power(W)		-			-	-	14.8 / 3.02k	14.8 / 3.12k	14.8 / 3.22k	-	-
Starting current(A) (Cooling/Heating)		-			-	-	9.95 / 7.90	9.50 / 7.55	9.10 / 7.25	-	-
Comp output(W)		-			-	-	2.00k	2.00k	2.00k	-	-
Time Delay fuse max size(A)		-			-	-	20			-	-
Network Impedance(ΩMAX.)		-			-	-	-			-	-
Fan motor output (Indoor/Outdoor) W		-			-	-	40			-	-
Moisture removal volume		L/h		2.7 (2.7 ×1)			-			-	-
External static pressure		Pa		30 (MIN10 - MAX150)			-			-	-
Indoor Air flow *7	Cooling	m³/min (H/M/L)		21.0 / 19.0 / 15.0			-			-	-
	Heating	m³/min (H/M/L)		21.0 / 19.0 / 15.0			-			-	-
Outdoor Air flow	Cooling	m³/min		-			44.7			-	-
	Heating	m³/min		-			45.9			-	-
Refrigerant type / amount(ship) kg / amount(max) kg					-			R32	1.320	1.490	-
F-Gas	GWP /			-			675	0.89	1.01	-	-
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)			-			-	-	-	-	-
Product dimension		Height	mm		250			695			-
		Width	mm		1000			875			-
		Depth	mm		730			320			-
Product dimension (Panel)		H×W×D	mm		-			-			-
Packing dimension		Height	mm		805			761			-
		Width	mm		1265			1049			-
		Depth	mm		340			460			-
Weight		(NET)	kg		30			50			-
		(GROSS)	kg		36			54			-
		Panel (NET)	kg		-			-			-
Layers limit (actually)					3 (4)			3 (4)			-
Operation condition		Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-		-
		Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C			-		-
Max Working Pressure HP/LP MPa					4.15 / 2.55			-			-
P I P I N G	Pipe port diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø6.35(1/4) (Gas)Ø15.88(5/8)			-		-
	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø15.88(5/8) *Connect the liquid socket tube(Ø9.52-Ø6.35) to the liquid tubing side indoor unit						-		-
	Connecting method		flared type			flared type			-		-
	Standard length m		5 m			-			-		-
	Pipe length range m		3 ~ 40 m			-			-		-
	Indoor unit & Outdoor unit height difference m		20 m(OD located lower) / 30 m(OD located higher)			-			-		-
	Add gas amount g/m		17 g/m			-			-		-
Pipe length for additional gas m		30 m			-			-		-	

* In the case of standard installation (Horizontal installation in the ceiling, rear side air intake)

* In the case of nanoe X OFF

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season. Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1) Noise of L is indicated by the values at FAN mode

1-1. Unit Specifications

1-1-1. PZ3

Single - Type

1-1-1-2. Middle Static Pressure Duct Type S-1014PF3E(100) / U-100PZ3E5

INDOOR		MODEL	S-1014PF3E(100)			-			-			
PANEL		MODEL	-			-			-			
OUTDOOR		MODEL	-			U-100PZ3E5			-			
Branch pipe		MODEL				-						
Performance test condition			ISO13253 / EN14511 / EN12102 / EN14825									
Power supply			Ø, Hz		1Ø 50Hz			1Ø 50Hz				
			V	220V	230V	240V	220V	230V	240V	Min	Max	
C O O L I N G	Capacity	kW	9.5	9.5	9.5	-	-	-	3.0	11.4		
		BTU/h	32400	32400	32400	-	-	-	10200	38900		
	Current	A	-	-	-	13.3	12.7	12.2	-	-		
	Input power	W	-	-	-	-	-	-	-	-		
		TOTAL W	-			2.660k	2.660k	2.660k	0.590k	4.840k		
	Annual consumption	TOTAL kWh *4	-	-	-	-	1330	-	-	-		
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.57	3.57 / A	3.57	5.08	2.36		
	ErP *6	Pdesign	kW	-	-	-	-	9.5	-	-	-	
		SEER	(W/W)	-	-	-	-	6.6	-	-	-	
		Annual consumption	kWh	-	-	-	-	502	-	-	-	
		Class		-	-	-	-	A++	-	-	-	
	Power factor	%	-	-	-	91	91	91	-	-		
Noise indoor *7	dB-A (H/M/L)	33 / 29 / 25				-			-	-		
	Power Level dB	56 / 52 / 48				-			-	-		
Noise outdoor	dB-A (H/L)	-				52 / -			-	-		
	Power Level dB	-				70 / -			-	-		
H E A T I N G	Capacity	kW	9.5	9.5	9.5	-	-	-	3.0	13.5		
		BTU/h	32400	32400	32400	-	-	-	10200	46100		
	Current	A	-	-	-	11.6	11.1	10.6	-	-		
	Input power	W	-	-	-	-	-	-	-	-		
		TOTAL W	-			2.320k	2.320k	2.320k	0.590k	4.500k		
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.09	4.09 / A	4.09	5.08	3.00		
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	7.8	-	-	-	
		Tbivalent	°C	-	-	-	-	-10	-	-	-	
		SCOP	(W/W)	-	-	-	-	3.9	-	-	-	
		Annual consumption	kWh	-	-	-	-	2795	-	-	-	
		elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-	
	Class		-	-	-	-	A	-	-	-		
	Power factor	%	-	-	-	91	91	91	-	-		
	Noise indoor *7	dB-A (H/M/L)	33 / 29 / 25				-			-	-	
		Power Level dB	56 / 52 / 48				-			-	-	
	Noise outdoor	dB-A (H/L)	-				52 / -			-	-	
		Power Level dB	-				70 / -			-	-	
	LOW TEMP	Total capacity(kW) / Input power(W) / COP					-	-	-	-		
EXTRA LOW TEMP	Total capacity(kW) / Input power(W) / COP					-	-	-	-			
Max Current(A) / Max Input power(W)			-	-	-	27.9 / 5.69k	27.9 / 5.94k	27.9 / 6.14k	-			
Starting current(A) (Cooling/Heating)			-	-	-	13.3 / 11.6	12.7 / 11.1	12.2 / 10.6	-			
Comp output(W)			-			2.50k	2.50k	2.50k	-			
Time Delay fuse max size(A)			-			35			-			
Network Impedance(ΩMAX.)			-			-			-			
Fan motor output (Indoor/Outdoor) W			259			120			-			
Moisture removal volume			L/h		3.2 (3.2 ×1)	-			-			
External static pressure			Pa		40 (MIN10 - MAX150)	-			-			
Indoor Air flow *7	Cooling	m³/min (H/M/L)	32.0 / 26.0 / 21.0			-			-	-		
	Heating	m³/min (H/M/L)	32.0 / 26.0 / 21.0			-			-	-		
Outdoor Air flow	Cooling	m³/min	-			73.0			-	-		
	Heating	m³/min	-			73.0			-	-		
Refrigerant type / amount(ship) kg / amount(max) kg			-			R32	2.400	3.300	-			
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			675	1.62	2.23	-			
Product dimension		Height mm	250			996			-			
		Width mm	1400			980			-			
		Depth mm	730			370			-			
Product dimension (Panel)		H×W×D mm	-			-			-			
Packing dimension		Height mm	805			1134			-			
		Width mm	1665			1095			-			
		Depth mm	340			529			-			
Weight		(NET) kg	39			83			-			
		(GROSS) kg	45			91			-			
		Panel (NET) kg	-			-			-			
Layers limit (actually)			3 (4)			2 (3)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-			
		Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C			-			
Max Working Pressure HP/LP MPa			4.15 / 2.55						-			
P I P I N G	Pipe port diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method		flared type			flared type			-			
	Standard length m		5 m						-			
	Pipe length range m		5 ~ 50 m						-			
	Indoor unit & Outdoor unit height difference m		15 m(OD located lower) / 30 m(OD located higher)						-			
	Add gas amount g/m		45 g/m						-			
	Pipe length for additional gas m		30 m						-			

* In the case of standard installation (Horizontal installation in the ceiling, rear side air intake)

* In the case of nanoe X OFF

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season. Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1) Noise of L is indicated by the values at FAN mode

1-1. Unit Specifications

1-1-1. PZ3

Single - Type

1-1-1-2. Middle Static Pressure Duct Type S-1014PF3E(125) / U-125PZ3E5

INDOOR			MODEL	S-1014PF3E(125)			-			-	
PANEL			MODEL	-			-			-	
OUTDOOR			MODEL	-			U-125PZ3E5			-	
Branch pipe			MODEL	-			-			-	
Performance test condition				ISO13253 / EN14511 / EN12102 / EN14825							
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz			Min	Max
			V	220V	230V	240V	220V	230V	240V		
C O O L I N G	Capacity	kW	12.1	12.1	12.1	-	-	-	3.2	13.5	
		BTU/h	41300	41300	41300	-	-	-	10900	46100	
	Current	A	-	-	-	17.2	16.4	15.8	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	3.560k	3.560k	3.560k	0.630k	4.900k	
		Annual consumption	TOTAL kWh *4	-	-	-	-	1780	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.40	3.40 / A	3.40	5.08	2.76
	ErP *6	Pdesign	kW	-	-	-	-	12.1	-	-	-
		η _{sc}	%	-	-	-	-	257.4	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
		Class		-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	94	94	94	-	-
	Noise indoor *7	dB-A (H/M/L)		35 / 31 / 27			-			-	-
		Power Level dB		58 / 54 / 50			-			-	-
dB-A (H/L)		-			55 / -			-	-		
Power Level dB		-			73 / -			-	-		
H E A T I N G	Capacity	kW	12.1	12.1	12.1	-	-	-	3.3	15.0	
		BTU/h	41300	41300	41300	-	-	-	11300	51200	
	Current	A	-	-	-	16.4	15.7	15.0	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	3.400k	3.400k	3.400k	0.630k	4.740k	
		COP/COP CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.56	3.56 / B	3.56	5.24
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	9.3	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		η _{sh}	%	-	-	-	-	142.6	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
	elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-	-
		Class		-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	94	94	94	-	-
	Noise indoor *7	dB-A (H/M/L)		35 / 31 / 27			-			-	-
Power Level dB		58 / 54 / 50			-			-	-		
dB-A (H/L)		-			55 / -			-	-		
Power Level dB		-			73 / -			-	-		
LOW TEMP	Total capacity(kW) / Input power(W) / COP			-			-	-	-	-	
EXTRA LOW TEMP	Total capacity(kW) / Input power(W) / COP			-			-	-	-	-	
Max Current(A) / Max Input power(W)			-	-	-	31.9 / 6.44k	31.9 / 6.74k	31.9 / 7.04k	-	-	
Starting current(A) (Cooling/Heating)			-	-	-	17.2 / 16.4	16.4 / 15.7	15.8 / 15.0	-	-	
Comp output(W)			-			2.80k	2.80k	2.80k	-	-	
Time Delay fuse max size(A)			-			40			-	-	
Network Impedance(ΩMAX.)			-			-			-	-	
Fan motor output (Indoor/Outdoor) W			259			120			-	-	
Moisture removal volume			L/h	4.1 (4.1 ×1)			-			-	-
External static pressure			Pa	50 (MIN10 - MAX150)			-			-	-
Indoor Air flow *7	Cooling	m³/min (H/M/L)	34.0 / 29.0 / 23.0			-			-	-	
	Heating	m³/min (H/M/L)	34.0 / 29.0 / 23.0			-			-	-	
Outdoor Air flow	Cooling	m³/min	-			82.0			-	-	
	Heating	m³/min	-			80.0			-	-	
Refrigerant type / amount(ship) kg / amount(max) kg			-			R32	2.800	3.700	-	-	
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			675	1.89	2.50	-	-	
Product dimension		Height mm	250			996			-	-	
		Width mm	1400			980			-	-	
		Depth mm	730			370			-	-	
Product dimension (Panel)		H×W×D mm	-			-			-	-	
Packing dimension		Height mm	805			1134			-	-	
		Width mm	1665			1095			-	-	
		Depth mm	340			529			-	-	
Weight		(NET) kg	39			87			-	-	
		(GROSS) kg	45			95			-	-	
		Panel (NET) kg	-			-			-	-	
Layers limit (actually)			3 (4)			2 (3)			-	-	
Operation condition		Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-	-	
		Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C			-	-	
Max Working Pressure HP/LP MPa			4.15 / 2.55			-			-	-	
P I P E I N G	Pipe port diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-	-	
	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			-	-	
	Connecting method		flared type			flared type			-	-	
	Standard length m		5 m			-			-	-	
	Pipe length range m		5 ~ 50 m			-			-	-	
	Indoor unit & Outdoor unit height difference m		15 m(OD located lower) / 30 m(OD located higher)			-			-	-	
	Add gas amount g/m		45 g/m			-			-	-	
Pipe length for additional gas m		30 m			-			-	-		

* In the case of standard installation (Horizontal installation in the ceiling, rear side air intake)

* In the case of nanoe X OFF

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 η_{sc} and η_{sh} classification is at 230V(400V) only in accordance with EN-14825. For heating, η_{sh} indicates the value of only Average heating season.

*7 H : High at setting 5 stage (Level 5), M : Middle at setting 5 stage (Level 3), L : Low at setting 5 stage (Level 1) Noise of L is indicated by the values at FAN mode

1-1. Unit Specifications

1-1-1. PZ3

Single - Type

1-1-1-2. Middle Static Pressure Duct Type S-1014PF3E(140) / U-140PZ3E5

INDOOR			MODEL		S-1014PF3E(140)			-			-	
PANEL			MODEL		-			-			-	
OUTDOOR			MODEL		-			U-140PZ3E5			-	
Branch pipe			MODEL		-			-			-	
Performance test condition					ISO13253 / EN14511 / EN12102 / EN14825							
Power supply			Ø, Hz		1Ø 50Hz			1Ø 50Hz				
			V		220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity		kW		13.4	13.4	13.4	-	-	-	3.3	15.0
			BTU/h		45700	45700	45700	-	-	-	11300	51200
	Current		A		-	-	-	20.5	19.6	18.8	-	-
			W		-	-	-	-	-	-	-	-
	Input power		TOTAL W		-	-	-	4.240k	4.240k	4.240k	0.650k	5.860k
			TOTAL kWh *4		-	-	-	-	2120	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"--"G")		-	-	-	3.16	3.16 / B	3.16	5.08	2.56
	ErP *6	Pdesign	kW		-	-	-	-	13.4	-	-	-
		η _{sc}	%		-	-	-	-	252.2	-	-	-
		Annual consumption	kWh		-	-	-	-	-	-	-	-
		Class			-	-	-	-	-	-	-	-
	Power factor		%		-	-	-	94	94	94	-	-
Noise indoor *7		dB-A (H/M/L)		39 / 35 / 29			-			-		
		Power Level dB		62 / 58 / 52			-			-		
Noise outdoor		dB-A (H/L)		-			56 / -			-		
		Power Level dB		-			74 / -			-		
H E A T I N G	Capacity		kW		13.4	13.4	13.4	-	-	-	3.4	16.0
			BTU/h		45700	45700	45700	-	-	-	11600	54600
	Current		A		-	-	-	17.2	16.4	15.8	-	-
			W		-	-	-	-	-	-	-	-
	Input power		TOTAL W		-	-	-	3.560k	3.560k	3.560k	0.650k	5.280k
			TOTAL (W/W) *5/ ("A"--"G")		-	-	-	3.76	3.76 / A	3.76	5.23	3.03
	ErP *6	Pdesign at -10°C	kW		-	-	-	-	9.5	-	-	-
		Tbivalent	°C		-	-	-	-	-10	-	-	-
		η _{sh}	%		-	-	-	-	140.6	-	-	-
		Annual consumption	kWh		-	-	-	-	-	-	-	-
	elbu(-10°C)		kW		-	-	-	-	0.00	-	-	-
			Class		-	-	-	-	-	-	-	-
	Power factor		%		-	-	-	94	94	94	-	-
	Noise indoor *7		dB-A (H/M/L)		39 / 35 / 29			-			-	
			Power Level dB		62 / 58 / 52			-			-	
	Noise outdoor		dB-A (H/L)		-			56 / -			-	
			Power Level dB		-			74 / -			-	
LOW TEMP	Total capacity(kW) / Input power(W) / COP				-			-	-	-	-	
EXTRA LOW TEMP	Total capacity(kW) / Input power(W) / COP				-			-	-	-	-	
Max Current(A) / Max Input power(W)					-	-	-	32.9 / 6.69k	32.9 / 6.94k	32.9 / 7.24k	-	
Starting current(A) (Cooling/Heating)					-	-	-	20.5 / 17.2	19.6 / 16.4	18.8 / 15.8	-	
Comp output(W)					-			3.00k	3.00k	3.00k	-	
Time Delay fuse max size(A)					-			40			-	
Network Impedance(ΩMAX.)					-			-			-	
Fan motor output (Indoor/Outdoor) W					259			120			-	
Moisture removal volume			L/h		4.9 (4.9 ×1)			-			-	
External static pressure			Pa		50 (MIN10 - MAX150)			-			-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)		36.0 / 32.0 / 25.0			-			-	-	
	Heating	m³/min (H/M/L)		36.0 / 32.0 / 25.0			-			-	-	
Outdoor Air flow	Cooling	m³/min		-			84.0			-	-	
	Heating	m³/min		-			82.0			-	-	
Refrigerant type / amount(ship) kg / amount(max) kg					-			R32	2.800	3.700	-	
F-Gas	GWP /		-			675			1.89	2.50	-	
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			-			-	-	-	
Product dimension		Height	mm		250			996			-	
		Width	mm		1400			980			-	
		Depth	mm		730			370			-	
Product dimension (Panel)		H×W×D mm		-			-			-		
Packing dimension		Height	mm		805			1134			-	
		Width	mm		1665			1095			-	
		Depth	mm		340			529			-	
Weight		(NET)	kg		39			87			-	
		(GROSS)	kg		45			95			-	
		Panel (NET)	kg		-			-			-	
Layers limit (actually)					3 (4)			2 (3)			-	
Operation condition		Cool (DBT)		18°C ~ 32°C			-10°C ~ 43°C			-		
		Heat (DBT)		16°C ~ 30°C			-15°C ~ 24°C			-		
Max Working Pressure HP/LP MPa					4.15 / 2.55			-			-	
P I P E N G	Pipe port diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			-			
	Connecting method		flared type			flared type			-			
	Standard length m		5 m			-			-			
	Pipe length range m		5 ~ 50 m			-			-			
	Indoor unit & Outdoor unit height difference m		15 m(OD located lower) / 30 m(OD located higher)			-			-			
	Add gas amount g/m		45 g/m			-			-			
	Pipe length for additional gas m		30 m			-			-			

* In the case of standard installation (Horizontal installation in the ceiling, rear side air intake)

* In the case of nanoe X OFF

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

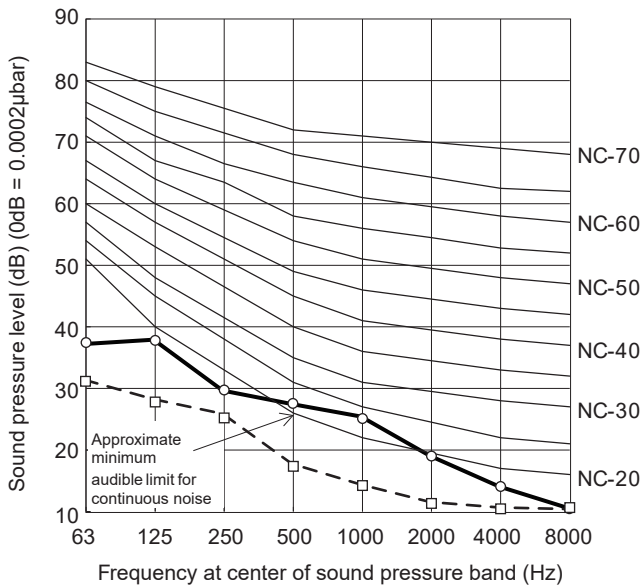
*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 η_{sc} and η_{sh} classification is at 230V(400V) only in accordance with EN-14825. For heating, η_{sh} indicates the value of only Average heating season.

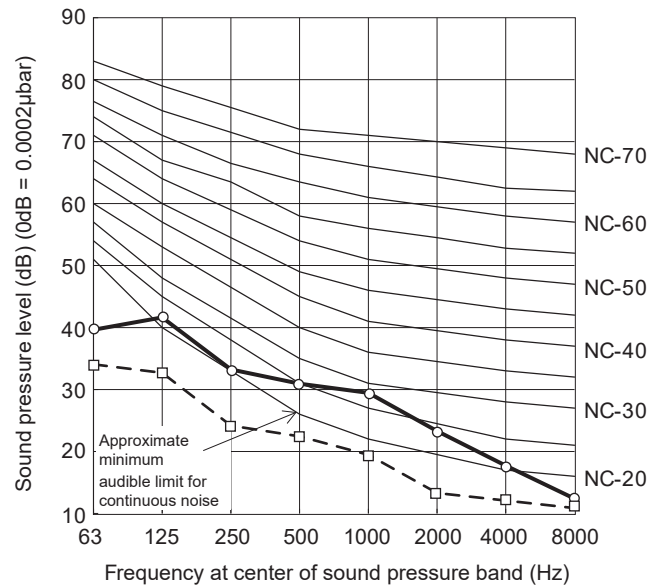
*7 H : High at setting 5 stage (Level 5), M : Middle at setting 5 stage (Level 3), L : Low at setting 5 stage (Level 1) Noise of L is indicated by the values at FAN mode

1-6-1-2. Middle Static Pressure Duct Type

MODEL	: S-3650PF3E(36), S-3650PF3E(45)
SOUND LEVEL : High	30 dB(A)
Low	22 dB(A)
CONDITION	: Under the unit 1.5m
SOURCE	: 220-230-240V, 1 phase, 50Hz

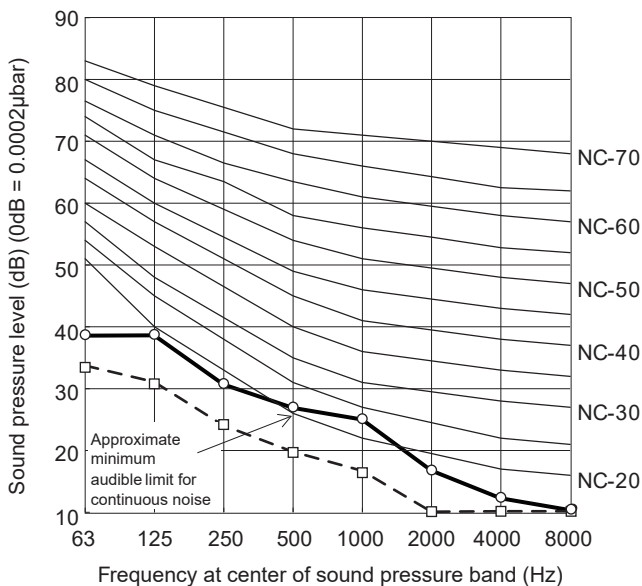


MODEL	: S-3650PF3E(50)
SOUND LEVEL : High	34 dB(A)
Low	25 dB(A)
CONDITION	: Under the unit 1.5m
SOURCE	: 220-230-240V, 1 phase, 50Hz

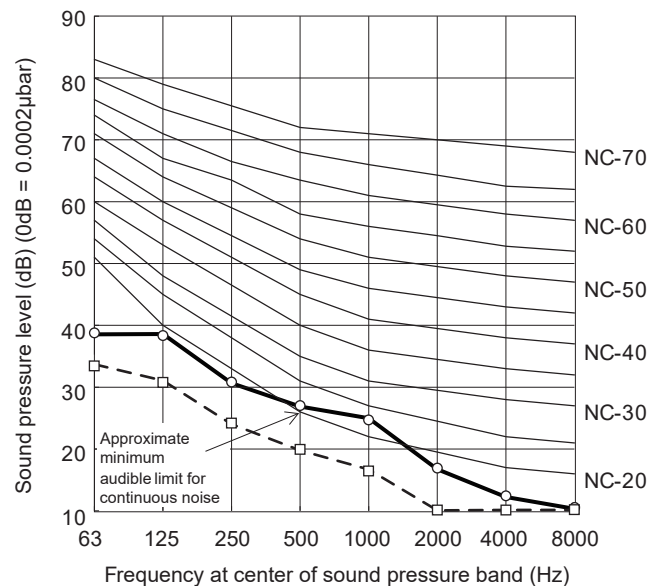


* For S-3650PF3E (36) , S-3650PF3E (45) and S-3650PF3E (50), see the Combination Table items 36, 45 and 50 on page 20 to 22.

MODEL	: S-6071PF3E(60)
SOUND LEVEL : High	30 dB(A)
Low	23 dB(A)
CONDITION	: Under the unit 1.5m
SOURCE	: 220-230-240V, 1 phase, 50Hz



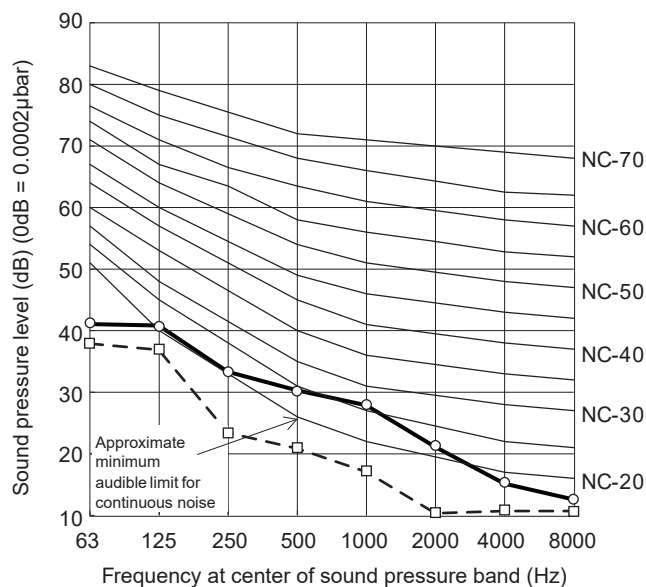
MODEL	: S-6071PF3E(71)
SOUND LEVEL : High	30 dB(A)
Low	23 dB(A)
CONDITION	: Under the unit 1.5m
SOURCE	: 220-230-240V, 1 phase, 50Hz



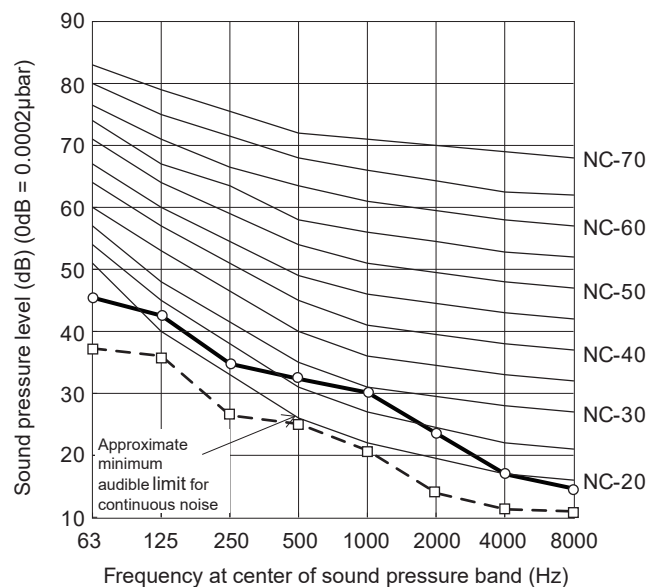
* For S-6071PF3E (60) and S-6071PF3E (71), see the Combination Table items 60 and 71 on page 20 to 22.

1-6-1-2. Middle Static Pressure Duct Type

MODEL	: S-1014PF3E(100)
SOUND LEVEL	: High 33 dB(A) Low 25 dB(A)
CONDITION	: Under the unit 1.5m
SOURCE	: 220-230-240V, 1 phase, 50Hz

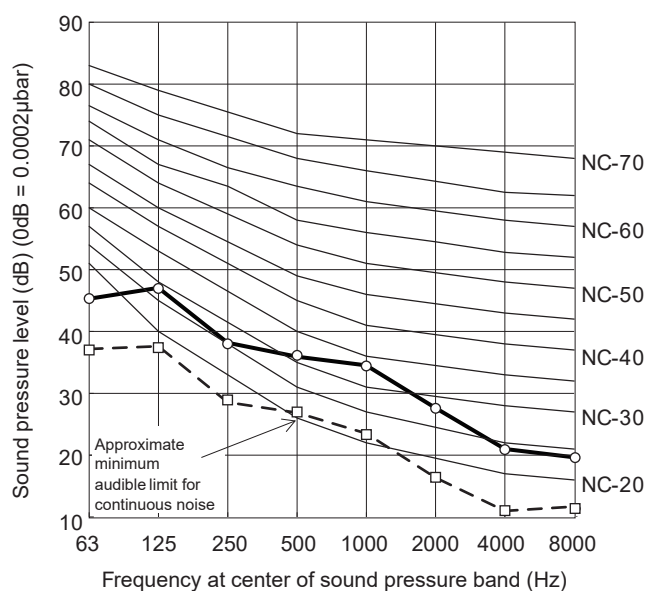


MODEL	: S-1014PF3E(125)
SOUND LEVEL	: High 35 dB(A) Low 27 dB(A)
CONDITION	: Under the unit 1.5m
SOURCE	: 220-230-240V, 1 phase, 50Hz



* For S-1014PF3E (100) and S-1014PF3E (125), see the Combination Table items 100 and 125 on page 20 to 22.

MODEL	: S-1014PF3E(140)
SOUND LEVEL	: High 39 dB(A) Low 29 dB(A)
CONDITION	: Under the unit 1.5m
SOURCE	: 220-230-240V, 1 phase, 50Hz

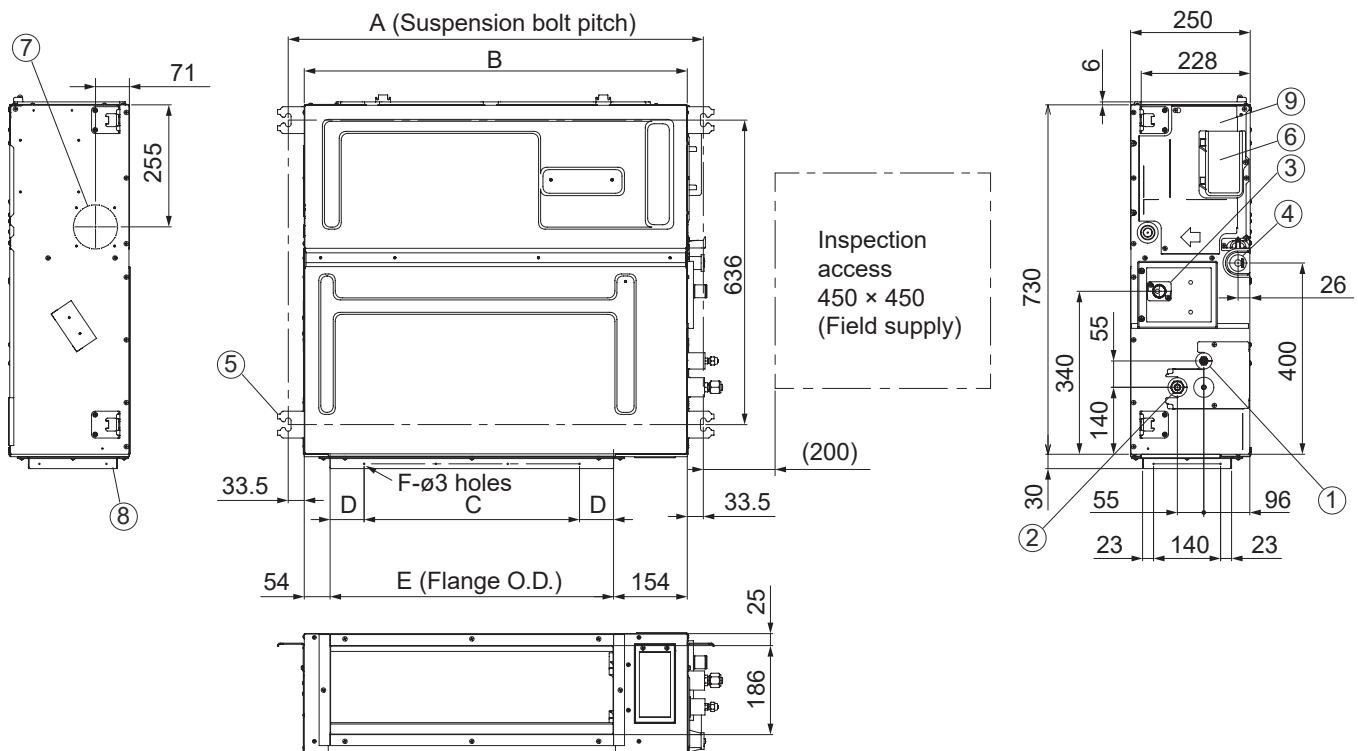


* For S-1014PF3E (140) , see the Combination Table items 140 on page 20 to 22.

1-2-1-2. Middle Static Pressure Duct Type S-3650PF3E, S-6071PF3E, S-1014PF3E

Type	A	B	C	D	E	F
	mm	mm	mm	mm	mm	Q'ty
3650	867	800	450 (Pitch 150 × 3)	71	592	12
6071	1,067	1,000	750 (Pitch 150 × 5)	21	792	16
1014	1,467	1,400	1,050 (Pitch 150 × 7)	71	1,192	20

Unit: mm



①	Refrigerant tubing joint (liquid tube) S-3650PF3E : $\phi 6.35$ (flared) S-6071PF3E : $\phi 9.52$ (flared) *1 S-1014PF3E : $\phi 9.52$ (flared)
②	Refrigerant tubing joint (gas tube) S-3650PF3E : $\phi 12.7$ (flared) S-6071PF3E(60) : $\phi 15.88$ (flared) *2 S-6071PF3E(71) : $\phi 15.88$ (flared) S-1014PF3E : $\phi 15.88$ (flared)
③	Upper drain port VP20 ($\phi 26$ mm) 200 mm flexible hose supplied
④	Bottom drain port VP20 ($\phi 26$ mm)
⑤	Suspension lug (4 – 12 × 30 mm)
⑥	Power supply outlet
⑦	Fresh air intake port ($\phi 100$ mm) *3
⑧	Flange for flexible air outlet duct
⑨	Electrical component box

*1 When connecting with U-60PZ3E5A, U-71PZ3E5A or U-60PZH3E5, connect the liquid socket tube ($\phi 9.52$ - $\phi 6.35$) to the liquid tubing side indoor unit.

*2 When connecting with U-60PZ3E5A or U-60PZH3E5, connect the gas socket tube ($\phi 15.88$ - $\phi 12.7$) to the gas tubing side indoor unit.

*3 Necessary to attach duct connecting flange (field supply).