

NEW
2021

nanoe™ X

nanoe™ X as a standard.



NEW PACi NX Series Elite ceiling Inverter+ • R32

Ceiling mounted units provide large and wide air distribution which is good for big rooms.

The height and depth of all capacities are the same for unified appearance in mixed installations.

		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-36PT3ZH5	KIT-50PT3ZH5	KIT-60PT3ZH5	KIT-71PT3ZH5	KIT-100PT3ZH5	KIT-125PT3ZH5	KIT-140PT3ZH5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	3,5(1,2 - 4,0)	5,0(1,2 - 5,6)	6,0(1,2 - 7,1)	6,8(2,2 - 9,0)	9,5(3,1 - 12,5)	12,1(3,2 - 14,0)	13,4(3,3 - 16,0)
EER ¹⁾		W/W	4,86	4,03	3,82	3,91	4,15	3,51	3,21
SEER / η _{sc} ²⁾			7,7 A++	7,4 A++	7,5 A++	7,3 A++	7,3 A++	278,4 %	263,3 %
P _{design}		kW	3,5	5,0	6,0	6,8	9,5	12,1	13,4
Input power cooling		kW	0,720	1,24	1,57	1,74	2,29	3,45	4,17
Annual energy consumption ³⁾		kWh/a	160	237	280	326	456	—	—
Heating capacity	Nominal (Min - Max)	kW	4,0(1,2 - 5,0)	5,6(1,2 - 6,5)	7,0(1,2 - 8,0)	8,0(2,0 - 9,0)	11,2(3,1 - 14,0)	14,0(3,2 - 16,0)	16,0(3,3 - 18,0)
COP ¹⁾		W/W	5,00	4,03	4,14	3,96	4,09	3,78	3,48
SCOP / η _{sc} ²⁾			4,9 A++	4,8 A++	4,8 A++	4,7 A++	4,7 A++	181,0 %	178,0 %
P _{design} at -10 °C		kW	3,1	4,0	4,6	4,7	7,8	9,5	10,2
Input power heating		kW	0,80	1,39	1,69	2,02	2,74	3,70	4,60
Annual energy consumption ³⁾		kWh/a	886	1167	1342	1400	2323	—	—
Indoor unit			S-3650PT3E	S-3650PT3E	S-6071PT3E	S-6071PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E
Air flow	Hi / Med / Lo	m ³ /min	14,0/12,0/10,5	15,0/12,5/10,5	20,0/17,0/14,5	21,0/18,0/15,5	30,0/25,0/23,0	34,0/28,0/24,0	35,0/29,0/25,0
Moisture removal volume		L/h	0,8	2,0	2,1	2,7	3,6	5,4	6,4
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	36/32/28	37/33/28	38/34/29	39/35/30	42/37/34	46/40/35	47/41/36
Sound power	Hi / Med / Lo	dB(A)	54/50/46	55/51/46	56/52/47	57/53/48	60/55/52	64/58/53	65/59/54
Dimension	HxWxD	mm	235x960x690	235x960x690	235x1275x690	235x1275x690	235x1590x690	235x1590x690	235x1590x690
Net weight		kg	26	26	34	34	40	40	40
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	3,55 - 3,40 - 3,25	5,85 - 5,60 - 5,40	7,35 - 7,05 - 6,75	8,60 - 8,20 - 7,90	11,30 - 10,80 - 10,40	16,90 - 16,10 - 15,50	20,40 - 19,50 - 18,70
	Heat	A	3,90 - 3,75 - 3,60	6,60 - 6,30 - 6,05	7,85 - 7,50 - 7,20	9,75 - 9,45 - 9,05	13,40 - 12,90 - 12,40	18,10 - 17,30 - 16,60	22,50 - 21,50 - 20,60
Air flow	Cool / Heat	m ³ /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	HxWxD	mm	695x875x320	695x875x320	695x875x320	996x940x340	1416x940x340	1416x940x340	1416x940x340
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) ⁵⁾	3/8(9,52)	3/8(9,52)	3/8(9,52)	3/8(9,52)
Pipe diameter	Gas pipe	Inch (mm)	1/2(12,70)	1/2(12,70)	1/2(12,70) ⁶⁾	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) ⁷⁾		m	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾
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 ⁹⁾	-20 ~ +48 ⁹⁾	-20 ~ +48 ⁹⁾
	Heat Min - Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

Technical focus

- Wide air distribution for large rooms
- Horizontal air flow reaches maximum 9,5 m
- Fresh air connection available on the unit
- Slim design with 235 mm height fits narrow space
- Silent operation
- nanoe™ X (Generator Mark 2= 9,6 trillion hydroxyl radicals/sec) as standard for better indoor air quality
- Wired remote control CZ-RTC6BL allows easy system setting via Bluetooth®
- Twin, Triple and Double-twin split options
- Easy connection and control of external fan or ERV using the connector PAW-FDC on the indoor unit PCB. The external device can be controlled by the remote control of the Panasonic indoor unit

Further comfort improvement with airflow distribution

Horizontal air flow reaches maximum 9,5 m. This is ideal for wide rooms.

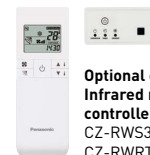
The wide air discharge opening expands the air flow to the left and the right. The unpleasant feeling caused when the air flow directly hits the human body is prevented by the "Draft prevention position", which changes the swing width, so that the degree of comfort is increased.



CZ-RTC5B



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



Optional controller.
Infrared remote controller.
CZ-RWS3 + CZ-RWRT3



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-71PT3ZH8	KIT-100PT3ZH8	KIT-125PT3ZH8	KIT-140PT3ZH8
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	6,8[2,2 - 9,0]	9,5[3,1 - 12,5]	12,1[3,2 - 14,0]	13,4[3,3 - 16,0]
EER ¹⁾		W/W	3,91	4,15	3,51	3,21
SEER / η _{sc} ²⁾			7,2 A++	7,2 A++	277,3 %	262,4 %
P _{design}		kW	6,8	9,5	12,1	13,4
Input power cooling		kW	1,74	2,29	3,45	4,17
Annual energy consumption ³⁾		kWh/a	331	462	—	—
Heating capacity	Nominal (Min - Max)	kW	8,0[2,0 - 9,0]	11,2[3,1 - 14,0]	14,0[3,2 - 16,0]	16,0[3,3 - 18,0]
COP ¹⁾		W/W	3,96	4,09	3,78	3,48
SCOP / η _{sc} ²⁾			4,7 A++	4,7 A++	180,9 %	178,0 %
P _{design} at -10 °C		kW	4,7	7,8	9,5	10,2
Input power heating		kW	2,02	2,74	3,7	4,6
Annual energy consumption ³⁾		kWh/a	1400	2324	—	—
Indoor unit			S-6071PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E
Air flow	Hi / Med / Lo	m ³ /min	21,0/18,0/15,5	30,0/25,0/23,0	34,0/28,0/24,0	35,0/29,0/25,0
Moisture removal volume		L/h	2,7	3,6	5,4	6,4
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	39/35/30	42/37/34	46/40/35	47/41/36
Sound power	Hi / Med / Lo	dB(A)	57/53/48	60/55/52	64/58/53	65/59/54
Dimension	HxWxD	mm	235x1275x690	235x1590x690	235x1590x690	235x1590x690
Net weight		kg	34	40	40	40
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	2,90 - 2,80 - 2,70	3,80 - 3,65 - 3,45	5,70 - 5,40 - 5,20	6,90 - 6,55 - 6,30
	Heat	A	3,35 - 3,20 - 3,10	4,55 - 4,35 - 4,15	6,20 - 5,85 - 5,65	7,70 - 7,30 - 6,95
Air flow	Cool / Heat	m ³ /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	HxWxD	mm	996x940x340	1416x940x340	1416x940x340	1416x940x340
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) ⁷⁾		m	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾
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 ⁹⁾	-20 ~ +48 ⁹⁾	-20 ~ +48 ⁹⁾
	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-RWRT3	Infrared remote controller
CZ-CAPWFC1	Commercial Wi-Fi Adaptor

Accessories

PAW-PACR3	Interfaces to run 3 units on Backup and alternative run
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 400x900x400 mm
CZ-CENSC1	Econavi energy savings sensor

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) The sound pressure of the units shows the value measured of the position 1 m in front of the main body and 1 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 5) Connect the liquid socket tube (Ø6,35-Ø9,52) to the liquid tubing side indoor unit. 6) Connect the gas socket tube (Ø12,70-Ø15,88) to the gas tubing side indoor unit. 7) When installing the outdoor unit at a higher position than the indoor unit. 8) Outdoor unit located lower / outdoor unit located higher. 9) 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 nanoe™ X OFF.



SEER and SCOP: For S-3650PT3E + 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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nanoe™ X

nanoe™ X as a standard.



NEW PACi NX Series Standard ceiling Inverter+ • R32

Ceiling mounted units provide large and wide air distribution which is good for big rooms.

The height and depth of all capacities are the same for unified appearance in mixed installations.

		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-36PT3Z5	KIT-50PT3Z5	KIT-60PT3Z5	KIT-71PT3Z5	KIT-100PT3Z5	KIT-125PT3Z5	KIT-140PT3Z5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	3,5(1,5 - 4,0)	5,0(1,5 - 5,2)	6,0(2,0 - 7,1)	6,8(2,6 - 7,7)	10,0(3,0 - 11,5)	12,5(3,2 - 13,5)	14,0(3,3 - 15,0)
EER ¹⁾		W/W	4,14	3,03	3,59	3,24	3,64	3,32	2,98
SEER / η _{sc} ²⁾			7,2 A++	6,7 A++	7,3 A++	5,9 A+	6,6 A++	241,7 %	228,8 %
P _{design}		kW	3,5	5,0	6,0	6,8	10,0	12,5	14,0
Input power cooling		kW	0,85	1,65	1,67	2,10	2,75	3,76	4,70
Annual energy consumption ³⁾		kWh/a	171	262	288	404	531	—	—
Heating capacity	Nominal (Min - Max)	kW	3,5(1,5 - 4,6)	5,0(1,5 - 6,4)	6,0(1,8 - 7,0)	6,8(2,1 - 8,1)	10,0(3,0 - 14,0)	12,5(3,3 - 15,0)	14,0(3,4 - 16,0)
COP ¹⁾		W/W	4,61	3,73	4,11	4,20	4,24	3,89	3,70
SCOP / η _{sc} ²⁾			4,4 A+	4,1 A+	4,6 A++	4,3 A+	4,2 A+	147,4 %	145,3 %
P _{design} at -10 °C		kW	2,8	4,0	4,6	4,7	10,0	12,5	13,6
Input power heating		kW	0,76	1,34	1,46	1,62	2,36	3,21	3,78
Annual energy consumption ³⁾		kWh/a	891	1365	1399	1529	3331	—	—
Indoor unit			S-3650PT3E	S-3650PT3E	S-6071PT3E	S-6071PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E
Air flow	Hi / Med / Lo	m ³ /min	14,0/12,0/10,5	15,0/12,5/10,5	20,0/17,0/14,5	21,0/18,0/15,5	30,0/25,0/23,0	34,0/28,0/24,0	35,0/29,0/25,0
Moisture removal volume		L/h	0,8	2,0	2,1	2,7	4,1	5,7	6,9
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	36/32/28	37/33/28	38/34/29	39/35/30	42/37/34	46/40/35	47/41/36
Sound power	Hi / Med / Lo	dB(A)	54/50/46	55/51/46	56/52/47	57/53/48	60/55/52	64/58/53	65/59/54
Dimension	HxWxD	mm	235x960x690	235x960x690	235x1275x690	235x1275x690	235x1590x690	235x1590x690	235x1590x690
Net weight		kg	26	26	34	34	40	40	40
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	3,90 - 3,75 - 3,60	7,65 - 7,30 - 7,00	7,75 - 7,40 - 7,10	9,75 - 9,30 - 8,95	13,70 - 13,10 - 12,60	18,20 - 17,40 - 16,70	22,70 - 21,70 - 20,80
	Heat	A	3,55 - 3,40 - 3,25	6,30 - 6,00 - 5,75	6,75 - 6,50 - 6,20	7,50 - 7,20 - 6,90	11,80 - 11,30 - 10,80	15,50 - 14,80 - 14,20	18,30 - 17,50 - 16,80
Air flow	Cool / Heat	m ³ /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	HxWxD	mm	619x824x299	619x824x299	695x875x320	695x875x320	996x980x370	996x980x370	996x980x370
Net weight		kg	32	35	42	50	83	87	87
Pipe diameter	Liquid pipe	Inch (mm)	1/4(6,35)	1/4(6,35)	1/4(6,35) ⁵⁾	1/4(6,35) ⁵⁾	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) ⁶⁾	5/8(15,88)	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) ⁷⁾		m	15/15 ⁸⁾	15/15 ⁸⁾	15/30 ⁸⁾	20/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾
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

- Wide air distribution for large rooms
- Horizontal air flow reaches maximum 9,5 m
- Fresh air connection available on the unit
- Slim design with 235 mm height fits narrow space
- Silent operation
- nanoe™ X (Generator Mark 2= 9,6 trillion hydroxyl radicals/sec) as standard for better indoor air quality
- Wired remote control CZ-RTC6BL allows easy system setting via Bluetooth®
- Single and twin options
- Easy connection and control of external fan or ERV using the connector PAW-FDC on the indoor unit PCB. The external device can be controlled by the remote control of the Panasonic indoor unit

Further comfort improvement with airflow distribution

Horizontal air flow reaches maximum 9,5 m. This is ideal for wide rooms.

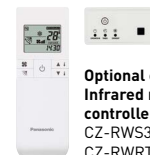
The wide air discharge opening expands the air flow to the left and the right. The unpleasant feeling caused when the air flow directly hits the human body is prevented by the "Draft prevention position", which changes the swing width, so that the degree of comfort is increased.



CZ-RTC5B



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



Optional controller. Infrared remote controller.
CZ-RWS3 +
CZ-RWRT3



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-100PT3Z8	KIT-125PT3Z8	KIT-140PT3Z8
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	10,0(3,0 - 11,5)	12,5(3,2 - 13,5)	14,0(3,3 - 15,0)
EER ¹⁾		W/W	3,64	3,32	2,98
SEER / η_{sc} ²⁾			6,5 A++	240,9 %	228,1 %
Pdesign		kW	10,0	12,5	14,0
Input power cooling		kW	2,75	3,76	4,70
Annual energy consumption ³⁾		kWh/a	537	—	—
Heating capacity	Nominal (Min - Max)	kW	10,0(3,0 - 14,0)	12,5(3,3 - 15,0)	14,0(3,4 - 16,0)
COP ¹⁾		W/W	4,24	3,89	3,70
SCOP / η_{sc} ²⁾			4,2 A+	147,4 %	145,3 %
Pdesign at -10 °C		kW	10,0	12,5	13,6
Input power heating		kW	2,36	3,21	3,78
Annual energy consumption ³⁾		kWh/a	3331	—	—
Indoor unit			S-1014PT3E	S-1014PT3E	S-1014PT3E
Air flow	Hi / Med / Lo	m ³ /min	30,0/25,0/23,0	34,0/28,0/24,0	35,0/29,0/25,0
Moisture removal volume		L/h	4,1	5,7	6,9
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	42/37/34	46/40/35	47/41/36
Sound power	Hi / Med / Lo	dB(A)	60/55/52	64/58/53	65/59/54
Dimension	HxWxD	mm	235x1590x690	235x1590x690	235x1590x690
Net weight		kg	40	40	40
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	4,60 - 4,35 - 4,20	6,10 - 5,75 - 5,55	7,60 - 7,20 - 6,95
	Heat	A	3,95 - 3,75 - 3,60	5,20 - 4,95 - 4,75	6,10 - 5,80 - 5,60
Air flow	Cool / Heat	m ³ /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	996x980x370	996x980x370	996x980x370
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) ⁷⁾		m	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾
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-RWRT3	Infrared remote controller
CZ-CAPWFC1	Commercial Wi-Fi Adaptor

Accessories

PAW-PACR3	Interfaces to run 3 units on Backup and alternative run
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 400x900x400 mm
CZ-CENSC1	Econavi energy savings sensor

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) The sound pressure of the units shows the value measured of the position 1 m in front of the main body and 1 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 5) Connect the liquid socket tube (Ø6,35-Ø9,52) to the liquid tubing side indoor unit. 6) Connect the gas socket tube (Ø12,70-Ø15,88) to the gas tubing side indoor unit. 7) When installing the outdoor unit at a higher position than the indoor unit. 8) Outdoor unit located lower / outdoor unit located higher. * Recommended fuse for the indoor 3 A. ** Above values are in the case of nanoe™ X OFF.



SEER and SCOP: For S-6071PT3E + U-60PZ3E5A. 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

1-1-1-4. Ceiling Type S-3650PT3E(36) / U-36PZ3E5

INDOOR		MODEL	S-3650PT3E(36)						-	-
PANEL		MODEL							-	-
OUTDOOR		MODEL				U-36PZ3E5			-	-
Branch pipe		MODEL							-	-
Performance test condition		ISO5151 / 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	3.5	3.5	3.5	-	-	-	1.5	4.0
		BTU/h	11900	11900	11900	-	-	-	5100	13600
	Current	A	-	-	-	3.90	3.75	3.60	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	0.845k	0.845k	0.845k	290	1.10k
		Annual consumption	TOTAL kWh *4	-	-	-	-	422.5	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	4.14	4.14 / A	4.14	5.17	3.64
	ErP *6	Pdesign	kW	-	-	-	-	3.5	-	-
		SEER	(W/W)	-	-	-	-	7.2	-	-
	Annual consumption	kWh	-	-	-	-	-	171	-	-
		Class	-	-	-	-	-	A++	-	-
	Power factor	%	-	-	-	98	98	98	-	-
Noise indoor *7	dB-A (H/M/L)	36 / 32 / 28						-	-	
	Power Level dB	54 / 50 / 46						-	-	
Noise outdoor	dB-A (H/L)				46 / -			-	-	
	Power Level dB				64 / -			-	-	
H E A T I N G	Capacity	kW	3.5	3.5	3.5	-	-	-	1.5	4.6
		BTU/h	11900	11900	11900	-	-	-	5100	15700
	Current	A	-	-	-	3.55	3.40	3.25	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	0.760k	0.760k	0.760k	263	1.31k
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	4.61	4.61 / A	4.61	5.70
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	2.8	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-
	SCOP	(W/W)	-	-	-	-	-	4.4	-	-
		Annual consumption	kWh	-	-	-	-	891	-	-
	elbu(-10°C)	kW	-	-	-	-	-	0.00	-	-
		Class	-	-	-	-	-	A+	-	-
Power factor	%	-	-	-	97	97	97	-	-	
Noise indoor *7	dB-A (H/M/L)	36 / 32 / 28						-	-	
	Power Level dB	54 / 50 / 46						-	-	
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)					3.90 / 3.55	3.75 / 3.40	3.60 / 3.25			
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		32			40					
Moisture removal volume		L/h	0.8 (0.8 × 1)							
External static pressure		Pa								
Indoor Air flow *7	Cooling	m³/min (H/M/L)	14.0 / 12.0 / 10.5							
	Heating	m³/min (H/M/L)	14.0 / 12.0 / 10.5							
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	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)	GWP /				675	0.59	0.64		
Product dimension	Height	mm	235			619				
	Width	mm	960			824				
	Depth	mm	690			299				
Product dimension (Panel)		H×W×D								
Packing dimension	Height	mm	360			680				
	Width	mm	1025			958				
	Depth	mm	820			416				
Weight	(NET)	kg	26			32				
	(GROSS)	kg	34			35				
	Panel (NET)	kg								
Layers limit (actually)		9 (10)			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)			(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 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)

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-4. Ceiling Type S-3650PT3E(50) / U-50PZ3E5

INDOOR		MODEL	S-3650PT3E(50)						-	-	
PANEL		MODEL							-	-	
OUTDOOR		MODEL				U-50PZ3E5			-	-	
Branch pipe		MODEL							-	-	
Performance test condition		ISO5151 / 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	5.2	
		BTU/h	17100	17100	17100	-	-	-	5100	17700	
	Current	A	-	-	-	7.65	7.30	7.00	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	1.650k	1.650k	1.650k	300	1.82k	
		Annual consumption TOTAL kWh *4	-	-	-	-	825	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.03	3.03 / B	3.03	5.00	2.86	
	ErP *6	Pdesign	kW	-	-	-	-	5.0	-	-	-
		SEER	(W/W)	-	-	-	-	6.7	-	-	-
		Annual consumption	kWh	-	-	-	-	262	-	-	-
Class			-	-	-	-	A++	-	-	-	
Power factor	%	-	-	-	98	98	98	-	-		
Noise indoor *7	dB-A (H/M/L)	37 / 33 / 28						-	-	-	
	Power Level dB	55 / 51 / 46						-	-	-	
Noise outdoor	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	6.4	
		BTU/h	17100	17100	17100	-	-	-	5100	21800	
	Current	A	-	-	-	6.30	6.00	5.75	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	1.340k	1.340k	1.340k	240	2.05k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.73	3.73 / A	3.73	6.25	3.12
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	4.0	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.1	-	-	-
		Annual consumption elbu(-10°C)	kWh	-	-	-	-	1365	-	-	-
Class		-	-	-	-	A+	-	-	-		
Power factor	%	-	-	-	97	97	97	-	-		
Noise indoor *7	dB-A (H/M/L)	37 / 33 / 28						-	-	-	
	Power Level dB	55 / 51 / 46						-	-	-	
Noise outdoor	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)					7.65 / 6.30		7.30 / 6.00		7.00 / 5.75		
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		32			40						
Moisture removal volume		L/h	2.0 (2.0 × 1)								
External static pressure		Pa									
Indoor Air flow *7	Cooling	m³/min (H/M/L)	15.0 / 12.5 / 10.5								
	Heating	m³/min (H/M/L)	15.0 / 12.5 / 10.5								
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	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)	GWP /				675		0.77		0.90	
Product dimension	Height	mm	235			619					
	Width	mm	960			824					
	Depth	mm	690			299					
Product dimension (Panel)		H×W×D	mm			mm					
Packing dimension	Height	mm	360			680					
	Width	mm	1025			958					
	Depth	mm	820			416					
Weight	(NET)	kg	26			35					
	(GROSS)	kg	34			38					
	Panel (NET)	kg									
Layers limit (actually)		9 (10)			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)			(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 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)

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-4. Ceiling Type S-6071PT3E(60) / U-60PZ3E5A

INDOOR		MODEL	S-6071PT3E(60)						-	-
PANEL		MODEL							-	-
OUTDOOR		MODEL				U-60PZ3E5A			-	-
Branch pipe		MODEL							-	-
Performance test condition		ISO5151 / 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	6.0	6.0	6.0	-	-	-	2.0	7.1
		BTU/h	20500	20500	20500	-	-	-	6800	24200
	Current	A	-	-	-	7.75	7.40	7.10	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	1.670k	1.670k	1.670k	290	2.45k
		Annual consumption	TOTAL kWh *4	-	-	-	-	835	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.59	3.59 / A	3.59	6.90	2.90
	ErP *6	Pdesign	kW	-	-	-	-	6.0	-	-
		SEER	(W/W)	-	-	-	-	7.3	-	-
		Annual consumption	kWh	-	-	-	-	288	-	-
		Class		-	-	-	-	A++	-	-
	Power factor	%	-	-	-	98	98	98	-	-
	Noise indoor *7	dB-A (H/M/L)	38 / 34 / 29						-	-
		Power Level dB	56 / 52 / 47						-	-
Noise outdoor	dB-A (H/L)				47 / -			-	-	
	Power Level dB				64 / -			-	-	
H E A T I N G	Capacity	kW	6.0	6.0	6.0	-	-	-	1.8	7.0
		BTU/h	20500	20500	20500	-	-	-	6100	23900
	Current	A	-	-	-	6.75	6.50	6.20	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	1.460k	1.460k	1.460k	270	2.40k
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	4.11	4.11 / A	4.11	6.67
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	4.6	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-
		SCOP	(W/W)	-	-	-	-	4.6	-	-
		Annual consumption	kWh	-	-	-	-	1399	-	-
	Power factor	%	-	-	-	98	98	98	-	-
		Class		-	-	-	-	A++	-	-
	Noise indoor *7	dB-A (H/M/L)	38 / 34 / 29						-	-
		Power Level dB	56 / 52 / 47						-	-
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)					7.75 / 6.75	7.40 / 6.50	7.10 / 6.20			
Comp output(W)					1.70k	1.70k	1.70k			
Time Delay fuse max size(A)					20					
Network Impedance(ΩMAX.)										
Fan motor output (Indoor/Outdoor) W		74			40					
Moisture removal volume		L/h	2.1 (2.1 × 1)							
External static pressure		Pa								
Indoor Air flow *7	Cooling	m³/min (H/M/L)	20.0 / 17.0 / 14.5							
	Heating	m³/min (H/M/L)	20.0 / 17.0 / 14.5							
Outdoor Air flow	Cooling	m³/min				42.6				
	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	235			695			
		Width mm	1275			875				
		Depth mm	690			320				
Product dimension (Panel)		H×W×D mm								
Packing dimension	Height mm		360			761				
	Width mm		1340			1049				
	Depth mm		820			460				
Weight	(NET) kg		34			42				
	(GROSS) kg		42			46				
	Panel (NET) kg									
Layers limit (actually)		9 (10)			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(Ø12.7-Ø15.88) to the gas tubing side indoor unit				
						*Connect the liquid socket tube(Ø6.35-Ø9.52) 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 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)

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-4. Ceiling Type S-6071PT3E(71) / U-71PZ3E5A

INDOOR		MODEL	S-6071PT3E(71)						-	-	
PANEL		MODEL							-	-	
OUTDOOR		MODEL				U-71PZ3E5A			-	-	
Branch pipe		MODEL							-	-	
Performance test condition		ISO5151 / 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	6.8	6.8	6.8	-	-	-	2.6	7.7	
		BTU/h	23200	23200	23200	-	-	-	8900	26300	
	Current	A	-	-	-	9.75	9.30	8.95	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	2.100k	2.100k	2.100k	530	2.80k	
		Annual consumption TOTAL kWh *4	-	-	-	-	1050	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.24	3.24 / A	3.24	4.91	2.75	
	ErP *6	Pdesign	kW	-	-	-	-	6.8	-	-	-
		SEER	(W/W)	-	-	-	-	5.9	-	-	-
		Annual consumption	kWh	-	-	-	-	404	-	-	-
Class			-	-	-	-	A+	-	-	-	
Power factor	%	-	-	-	98	98	98	-	-		
Noise indoor *7	dB-A (H/M/L)	39 / 35 / 30						-	-	-	
	Power Level dB	57 / 53 / 48						-	-	-	
Noise outdoor	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	-	-	-	7.50	7.20	6.90	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	1.620k	1.620k	1.620k	370	2.65k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	4.20	4.20 / A	4.20	5.68	3.06
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	4.7	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.3	-	-	-
		Annual consumption elbu(-10°C)	kWh	-	-	-	-	1529	-	-	-
Class		-	-	-	-	A+	-	-	-		
Power factor	%	-	-	-	98	98	98	-	-		
Noise indoor *7	dB-A (H/M/L)	39 / 35 / 30						-	-	-	
	Power Level dB	57 / 53 / 48						-	-	-	
Noise outdoor	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)					-	9.75 / 7.50	9.30 / 7.20	8.95 / 6.90	-	-	
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		74			40			-	-	-	
Moisture removal volume		L/h	2.7 (2.7 × 1)						-	-	
External static pressure		Pa							-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	21.0 / 18.0 / 15.5						-	-	
	Heating	m³/min (H/M/L)	21.0 / 18.0 / 15.5						-	-	
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 / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)				675	0.89	1.01	-	-		
	Product dimension	Height mm	235			695			-	-	
	Width mm	1275			875			-	-		
	Depth mm	690			320			-	-		
Product dimension (Panel)		H×W×D mm							-	-	
Packing dimension	Height mm	360			761			-	-		
	Width mm	1340			1049			-	-		
	Depth mm	820			460			-	-		
Weight	(NET) kg	34			50			-	-		
	(GROSS) kg	42			54			-	-		
	Panel (NET) kg							-	-		
Layers limit (actually)		9 (10)			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)			-	-		
	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 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)

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-4. Ceiling Type S-1014PT3E(100) / U-100PZ3E5

INDOOR		MODEL	S-1014PT3E(100)						-	-	
PANEL		MODEL							-	-	
OUTDOOR		MODEL				U-100PZ3E5			-	-	
Branch pipe		MODEL							-	-	
Performance test condition		ISO5151 / 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	10.0	10.0	10.0	-	-	-	3.0	11.5	
		BTU/h	34100	34100	34100	-	-	-	10200	39200	
	Current	A	-	-	-	13.7	13.1	12.6	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	2.750k	2.750k	2.750k	560	4.10k	
		Annual consumption TOTAL kWh *4	-	-	-	-	1375	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.64	3.64 / A	3.64	5.36	2.80	
	ErP *6	Pdesign	kW	-	-	-	-	10.0	-	-	-
		SEER	(W/W)	-	-	-	-	6.6	-	-	-
		Annual consumption	kWh	-	-	-	-	531	-	-	-
		Class		-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	91	91	91	-	-	
	Noise indoor *7	dB-A (H/M/L)	42 / 37 / 34						-	-	-
		Power Level dB	60 / 55 / 52						-	-	-
Noise outdoor	dB-A (H/L)				52 / -			-	-	-	
	Power Level dB				70 / -			-	-	-	
H E A T I N G	Capacity	kW	10.0	10.0	10.0	-	-	-	3.0	14.0	
		BTU/h	34100	34100	34100	-	-	-	10200	47800	
	Current	A	-	-	-	11.8	11.3	10.8	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	2.360k	2.360k	2.360k	560	4.00k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	4.24	4.24 / A	4.24	5.36	3.50
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	10.0	-	-	-
		Tbivalent	°C	-	-	-	-	-7	-	-	-
		SCOP	(W/W)	-	-	-	-	4.2	-	-	-
		Annual consumption elbu(-10°C)	kWh	-	-	-	-	3331	-	-	-
	Class		-	-	-	-	A+	-	-	-	
	Power factor	%	-	-	-	91	91	91	-	-	
	Noise indoor *7	dB-A (H/M/L)	42 / 37 / 34						-	-	-
		Power Level dB	60 / 55 / 52						-	-	-
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)					13.7 / 11.8	13.1 / 11.3	12.6 / 10.8				
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					129				120		
Moisture removal volume		L/h	4.1 (4.1 × 1)						-		
External static pressure		Pa							-		
Indoor Air flow *7	Cooling	m³/min (H/M/L)	30.0 / 25.0 / 23.0						-		
	Heating	m³/min (H/M/L)	30.0 / 25.0 / 23.0						-		
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				
	Height mm	235			996						
Product dimension	Width mm	1590			980						
	Depth mm	690			370						
	H×W×D mm										
Product dimension (Panel)	Height mm	360			1134						
	Width mm	1655			1095						
	Depth mm	820			529						
Weight	(NET) kg	40			83						
	(GROSS) kg	49			91						
	Panel (NET) kg										
Layers limit (actually)		9 (10)			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 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)

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-4. Ceiling Type S-1014PT3E(125) / U-125PZ3E5

INDOOR		MODEL	S-1014PT3E(125)						-	-
PANEL		MODEL							-	-
OUTDOOR		MODEL				U-125PZ3E5			-	-
Branch pipe		MODEL							-	-
Performance test condition		ISO5151 / 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	12.5	12.5	12.5	-	-	-	3.2	13.5
		BTU/h	42700	42700	42700	-	-	-	10900	46100
	Current	A	-	-	-	18.2	17.4	16.7	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	3.760k	3.760k	3.760k	600	4.88k
		Annual consumption	TOTAL kWh *4	-	-	-	-	1880	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-~"G")	-	-	-	3.32	3.32 / A	3.32	5.33	2.77
	ErP *6	Pdesign	kW	-	-	-	-	12.5	-	-
		η _{sc}	%	-	-	-	-	241.7	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-
		Class		-	-	-	-	-	-	-
	Power factor	%	-	-	-	94	94	94	-	-
Noise indoor *7	dB-A (H/M/L)	46 / 40 / 35						-	-	
	Power Level dB	64 / 58 / 53						-	-	
Noise outdoor	dB-A (H/L)				55 / -			-	-	
	Power Level dB				73 / -			-	-	
H E A T I N G	Capacity	kW	12.5	12.5	12.5	-	-	-	3.3	15.0
		BTU/h	42700	42700	42700	-	-	-	11300	51200
	Current	A	-	-	-	15.5	14.8	14.2	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	3.210k	3.210k	3.210k	730	4.40k
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-~"G")	-	-	-	3.89	3.89 / A	3.89	4.52
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	12.5	-	-
		Tbivalent	°C	-	-	-	-	-7	-	-
		η _{sh}	%	-	-	-	-	147.4	-	-
		Annual consumption elbu(-10°C)	kWh	-	-	-	-	-	-	-
	Class		-	-	-	-	-	-	-	
	Power factor	%	-	-	-	94	94	94	-	-
Noise indoor *7	dB-A (H/M/L)	46 / 40 / 35						-	-	
	Power Level dB	64 / 58 / 53						-	-	
Noise outdoor	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)					18.2 / 15.5	17.4 / 14.8	16.7 / 14.2			
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		129			120					
Moisture removal volume		L/h	5.7 (5.7 ×1)							
External static pressure		Pa								
Indoor Air flow *7	Cooling	m³/min (H/M/L)	34.0 / 28.0 / 24.0						-	-
	Heating	m³/min (H/M/L)	34.0 / 28.0 / 24.0						-	-
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	235			996				
	Width	mm	1590			980				
	Depth	mm	690			370				
Product dimension (Panel)		H×W×D	mm			mm				
Packing dimension	Height	mm	360			1134				
	Width	mm	1655			1095				
	Depth	mm	820			529				
Weight	(NET)	kg	40			87				
	(GROSS)	kg	49			95				
	Panel (NET)	kg								
Layers limit (actually)		9 (10)			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 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)

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-4. Ceiling Type S-1014PT3E(140) / U-140PZ3E5

INDOOR		MODEL	S-1014PT3E(140)						-	-	
PANEL		MODEL							-	-	
OUTDOOR		MODEL				U-140PZ3E5			-	-	
Branch pipe		MODEL							-	-	
Performance test condition		ISO5151 / 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	14.0	14.0	14.0	-	-	-	3.3	15.0	
		BTU/h	47800	47800	47800	-	-	-	11300	51200	
	Current	A	-	-	-	22.7	21.7	20.8	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	4.700k	4.700k	4.700k	620	5.50k	
		Annual consumption	TOTAL kWh *4	-	-	-	-	2350	-	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-~"G")	-	-	-	2.98	2.98 / C	2.98	5.32	2.73	
	ErP *6	Pdesign	kW	-	-	-	-	14.0	-	-	-
		η _{sc}	%	-	-	-	-	228.8	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
		Class		-	-	-	-	-	-	-	-
	Power factor	%	-	-	-	94	94	94	-	-	
	Noise indoor *7	dB-A (H/M/L)		47 / 41 / 36						-	-
		Power Level dB		65 / 59 / 54						-	-
Noise outdoor	dB-A (H/L)					56 / -			-	-	
	Power Level dB					74 / -			-	-	
H E A T I N G	Capacity	kW	14.0	14.0	14.0	-	-	-	3.4	16.0	
		BTU/h	47800	47800	47800	-	-	-	11600	54600	
	Current	A	-	-	-	18.3	17.5	16.8	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	3.780k	3.780k	3.780k	620	5.20k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-~"G")	-	-	-	3.70	3.70 / A	3.70	5.48	3.08
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	13.6	-	-	-
		Tbivalent	°C	-	-	-	-	-7	-	-	-
		η _{sh}	%	-	-	-	-	145.3	-	-	-
		Annual consumption elbu(-10°C)	kWh	-	-	-	-	-	-	-	-
	Class			-	-	-	-	-	-	-	-
		Class		-	-	-	-	-	-	-	-
	Power factor	%	-	-	-	94	94	94	-	-	
	Noise indoor *7	dB-A (H/M/L)		47 / 41 / 36						-	-
Power Level dB			65 / 59 / 54						-	-	
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)				-	-	-	22.7 / 18.3	21.7 / 17.5	20.8 / 16.8	-	
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				-	129	-	120	-	-	-	
Moisture removal volume		L/h	6.9 (6.9 ×1)						-	-	
External static pressure		Pa							-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	35.0 / 29.0 / 25.0						-	-	
	Heating	m³/min (H/M/L)	35.0 / 29.0 / 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 / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)				-	675	1.89	2.50	-	-	
	Product dimension		Height mm	235			996			-	-
		Width mm	1590			980			-	-	
		Depth mm	690			370			-	-	
Product dimension (Panel)		H×W×D mm							-	-	
Packing dimension	Height mm	360			1134			-	-		
	Width mm	1655			1095			-	-		
	Depth mm	820			529			-	-		
Weight	(NET) kg	40			87			-	-		
	(GROSS) kg	49			95			-	-		
	Panel (NET) kg							-	-		
Layers limit (actually)				9 (10)	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 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.

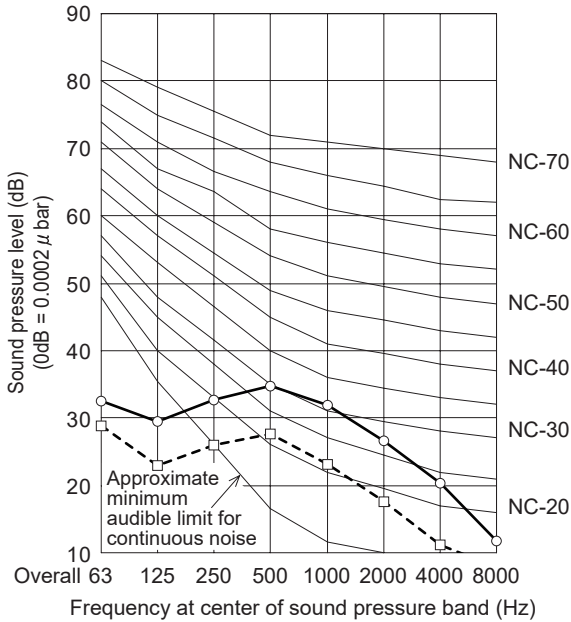
*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*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.

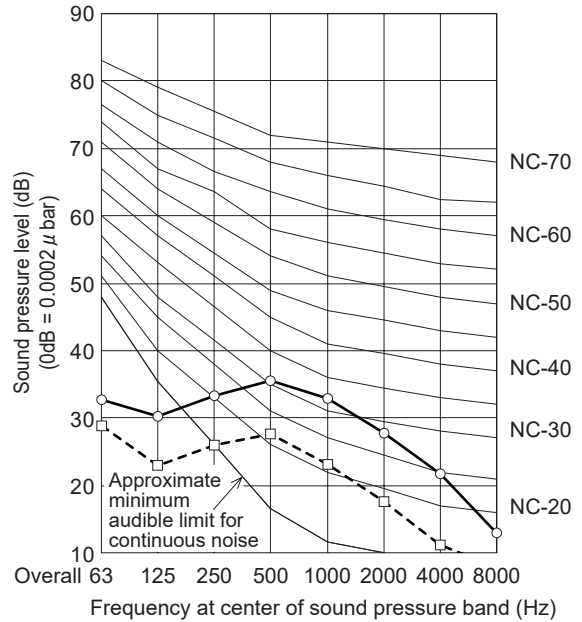
*7 H : High at setting 5 stage (Level 5), M : Middle at setting 5 stage (Level 3), L : Low at setting 5 stage (Level 1)

1-6-1-4. Ceiling Type

MODEL	: S-3650PT3E(36)
SOUND LEVEL	: High 36 dB(A) Low 28 dB(A)
CONDITION	: 1 m from front of outlet at height of 1 m
SOURCE	: 220-230-240V, 1 phase, 50Hz

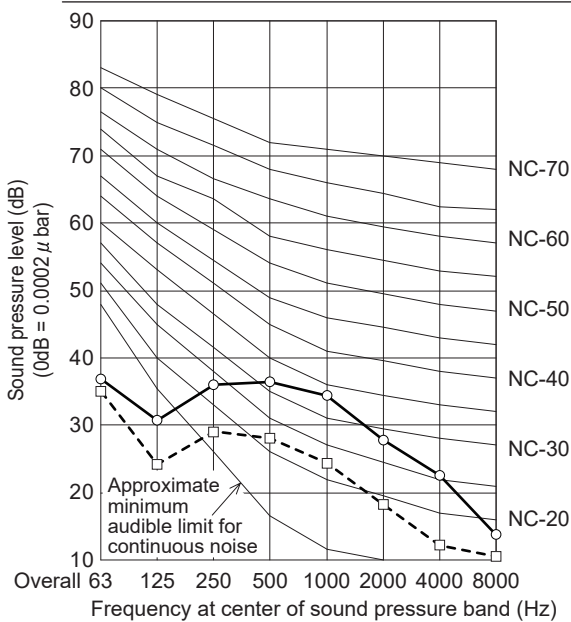


MODEL	: S-3650PT3E(45), S-3650PT3E(50)
SOUND LEVEL	: High 37 dB(A) Low 28 dB(A)
CONDITION	: 1 m from front of outlet at height of 1 m
SOURCE	: 220-230-240V, 1 phase, 50Hz

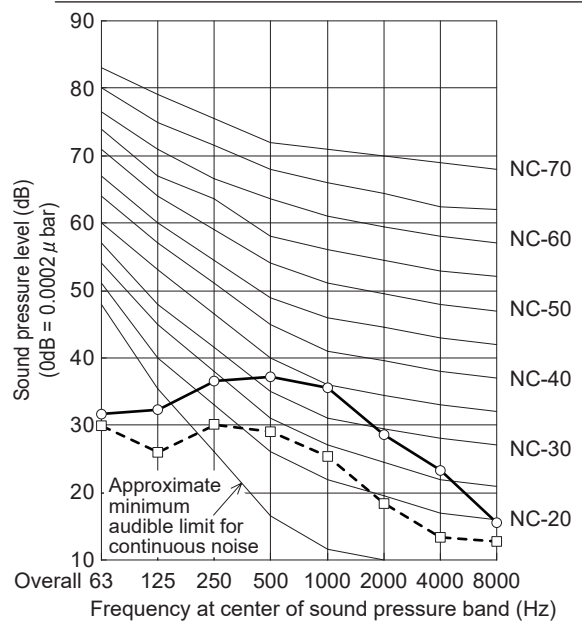


* For S-3650PT3E (36), S-3650PT3E (45) and S-3650PT3E (50), see the Combination Table items 36, 45 and 50 on page 20 to 22.

MODEL	: S-6071PT3E(60)
SOUND LEVEL	: High 38 dB(A) Low 29 dB(A)
CONDITION	: 1 m from front of outlet at height of 1 m
SOURCE	: 220-230-240V, 1 phase, 50Hz



MODEL	: S-6071PT3E(71)
SOUND LEVEL	: High 39 dB(A) Low 30 dB(A)
CONDITION	: 1 m from front of outlet at height of 1 m
SOURCE	: 220-230-240V, 1 phase, 50Hz

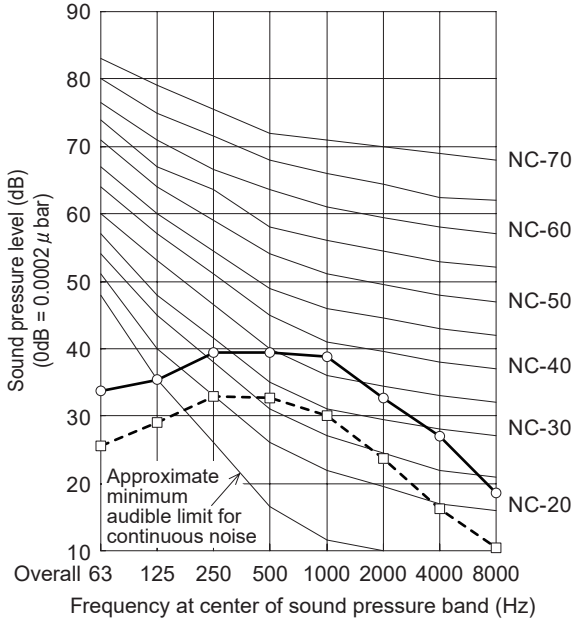


* For S-6071PT3E (60) and S-6071PT3E (71), see the Combination Table items 60 and 71 on page 20 to 22.

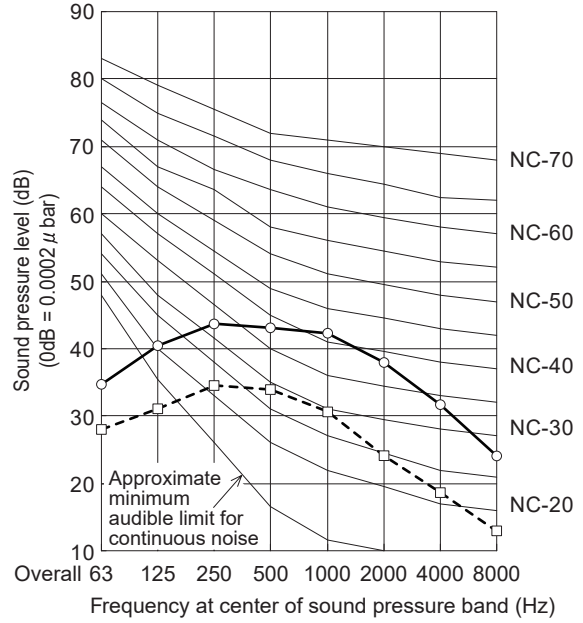
1-6-1-4. Ceiling Type

—○— High
 - - □ - - Low

MODEL : S-1014PT3E(100)
 SOUND LEVEL : High 42 dB(A)
 Low 34 dB(A)
 CONDITION : 1 m from front of outlet at height of 1 m
 SOURCE : 220-230-240V, 1 phase, 50Hz

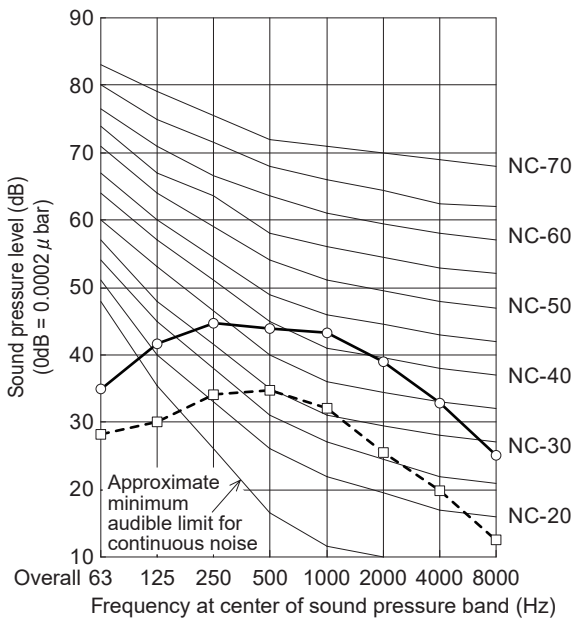


MODEL : S-1014PT3E(125)
 SOUND LEVEL : High 46 dB(A)
 Low 35 dB(A)
 CONDITION : 1 m from front of outlet at height of 1 m
 SOURCE : 220-230-240V, 1 phase, 50Hz



* For S-1014PT3E (100) and S-1014PT3E (125), see the Combination Table items 100 and 125 on page 20 to 22.

MODEL : S-1014PT3E(140)
 SOUND LEVEL : High 47 dB(A)
 Low 36 dB(A)
 CONDITION : 1 m from front of outlet at height of 1 m
 SOURCE : 220-230-240V, 1 phase, 50Hz

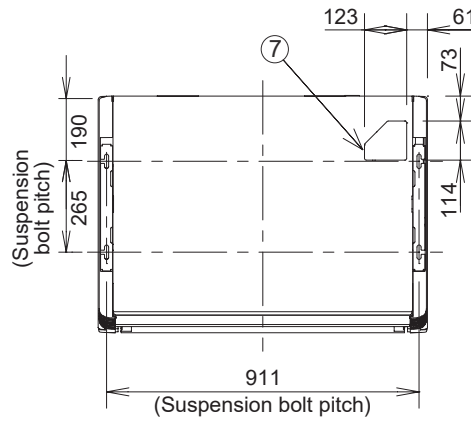
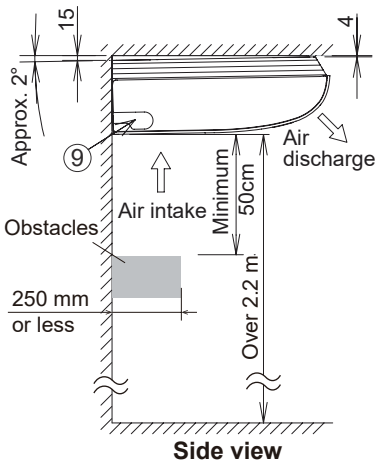
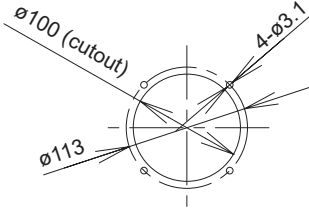


* For S-1014PT3E (140), see the Combination Table items 140 on page 20 to 22.

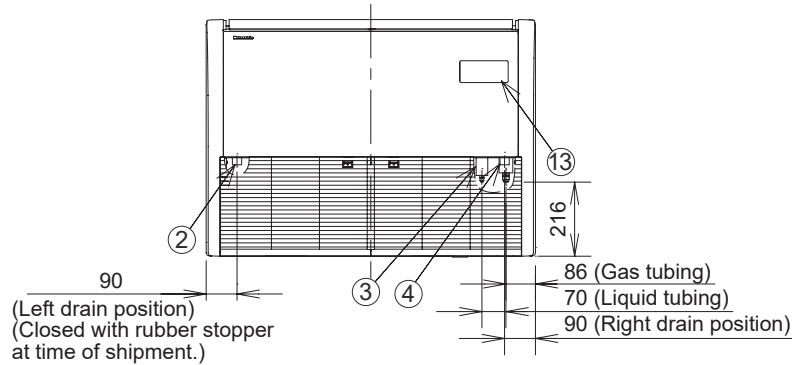
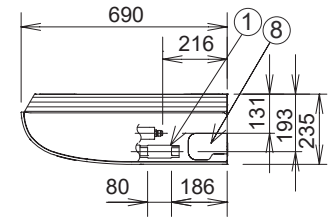
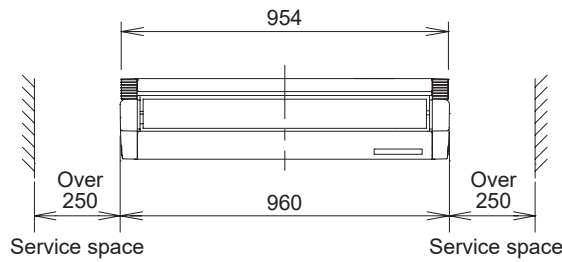
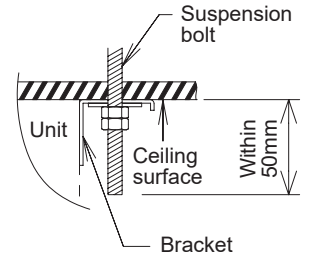
1-2-1-4. Ceiling Type S-3650PT3E

unit :mm

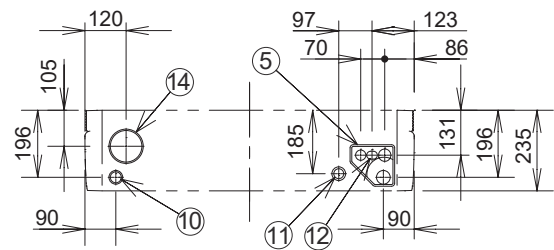
Detailed view of intaking outside air duct connection port



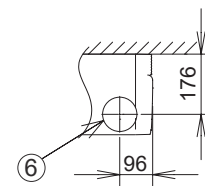
Distance of each exposed bolt must be of equal length within 50mm.



Hole position of indoor unit rear-side (Figure shows view from front)



Tubing hole position on wall surface (Figure shows view from front)



①	Drain port VP20 (inside diameter ϕ 26mm, drain hose supplied)
②	Left drain position
③	Refrigerant liquid tubing (ϕ 6.35mm, flare connection)
④	Refrigerant gas tubing (ϕ 12.7mm, flare connection)
⑤	Cover of rear tubing hole
⑥	Tubing hole on wall surface (ϕ 100mm)
⑦	Upper side tubing port
⑧	Right side drain hose outlet port (cutout)
⑨	Left side drain hose outlet port (cutout)
⑩	Left-rear side drain hose outlet port (cutout)
⑪	Power inlet port
⑫	Remote control wiring and inter-unit wiring inlet port
⑬	Wireless remote controller receiver installation location
⑭	Outside air intake duct connection port (ϕ 100mm, cutout)*

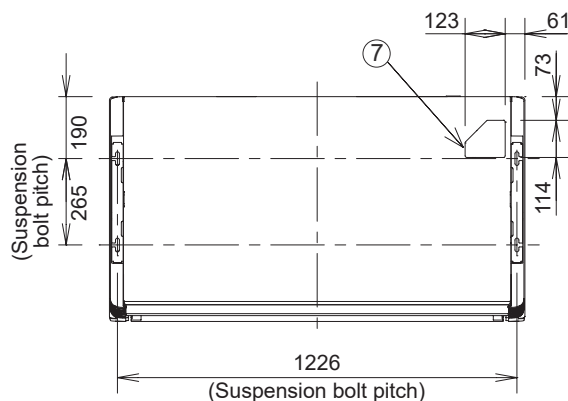
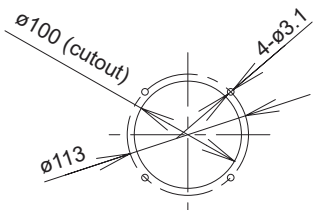
* Necessary to attach duct connecting flange (field supply).

<Filter dimension>
(421 × 250 × 16) × 2 pcs.

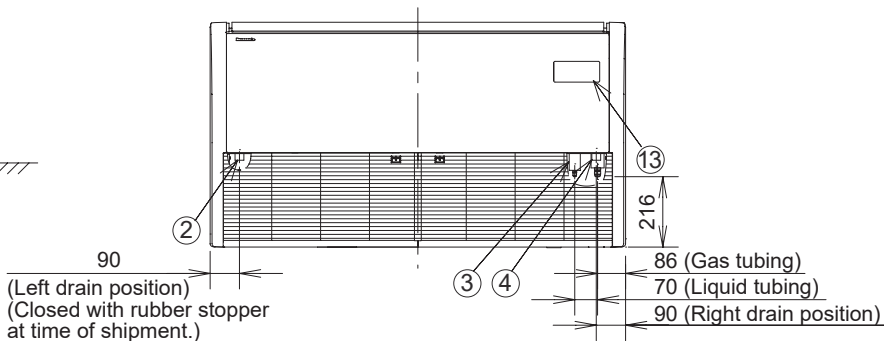
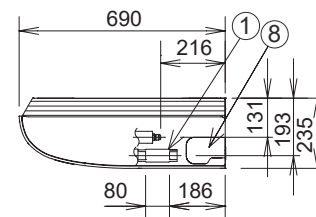
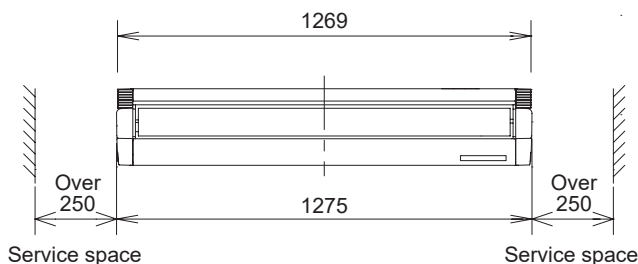
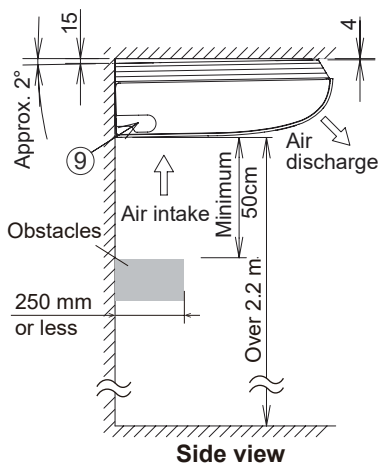
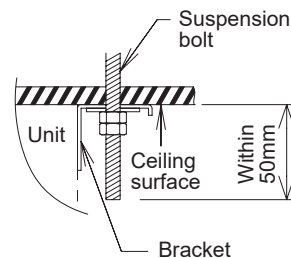
1-2-1-4. Ceiling Type S-6071PT3E

unit :mm

Detailed view of intaking outside air duct connection port



Distance of each exposed bolt must be of equal length within 50mm.



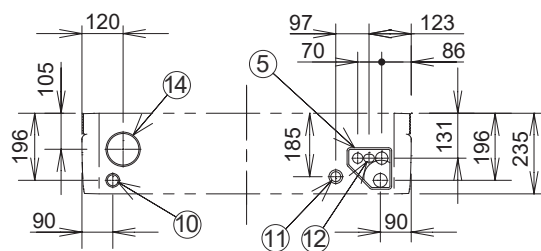
①	Drain port VP20 (inside diameter $\phi 26\text{mm}$, drain hose supplied)
②	Left drain position
③	Refrigerant liquid tubing ($\phi 9.52\text{mm}$, flare connection) *1
④	Refrigerant gas tubing ($\phi 15.88\text{mm}$, flare connection) *2
⑤	Cover of rear tubing hole
⑥	Tubing hole on wall surface ($\phi 100\text{mm}$)
⑦	Upper side tubing port
⑧	Right side drain hose outlet port (cutout)
⑨	Left side drain hose outlet port (cutout)
⑩	Left-rear side drain hose outlet port (cutout)
⑪	Power inlet port
⑫	Remote control wiring and inter-unit wiring inlet port
⑬	Wireless remote controller receiver installation location
⑭	Outside air intake duct connection port ($\phi 100\text{mm}$, cutout)*3

*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.

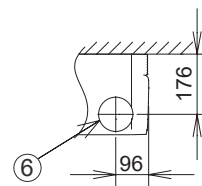
*2 When connecting with U-60PZ3E5A or U-60PZH3E5, connect the gas socket tube ($\phi 15.88-\phi 12.7$) to the gas tubing side indoor unit.

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

Hole position of indoor unit rear-side (Figure shows view from front)



Tubing hole position on wall surface (Figure shows view from front)

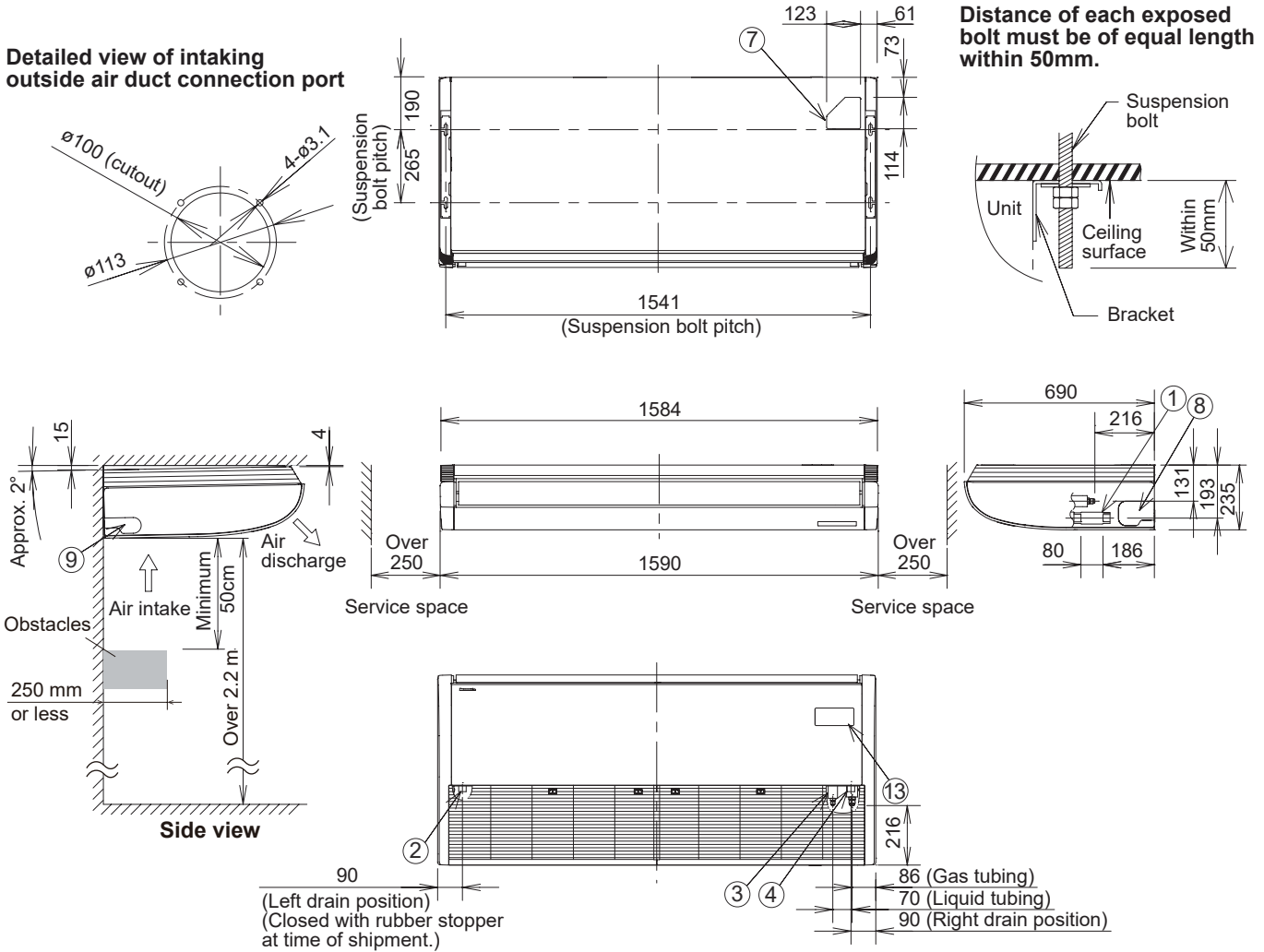


<Filter dimension>
(579 × 250 × 16) × 2 pcs.

1-2-1-4. Ceiling Type S-1014PT3E

unit :mm

Detailed view of intaking outside air duct connection port

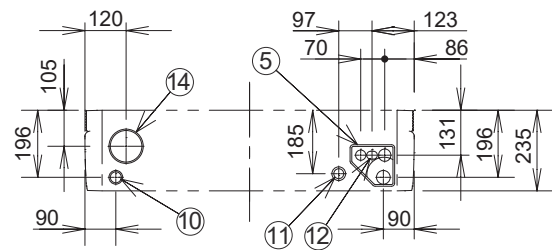


①	Drain port VP20 (inside diameter $\phi 26\text{mm}$, drain hose supplied)
②	Left drain position
③	Refrigerant liquid tubing ($\phi 9.52\text{mm}$, flare connection)
④	Refrigerant gas tubing ($\phi 15.88\text{mm}$, flare connection)
⑤	Cover of rear tubing hole
⑥	Tubing hole on wall surface ($\phi 100\text{mm}$)
⑦	Upper side tubing port
⑧	Right side drain hose outlet port (cutout)
⑨	Left side drain hose outlet port (cutout)
⑩	Left-rear side drain hose outlet port (cutout)
⑪	Power inlet port
⑫	Remote control wiring and inter-unit wiring inlet port
⑬	Wireless remote controller receiver installation location
⑭	Outside air intake duct connection port ($\phi 100\text{mm}$, cutout)*

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

<Filter dimension>
(736 × 250 × 16 × 2 pcs.)

Hole position of indoor unit rear-side
(Figure shows view from front)



Tubing hole position on wall surface
(Figure shows view from front)

