

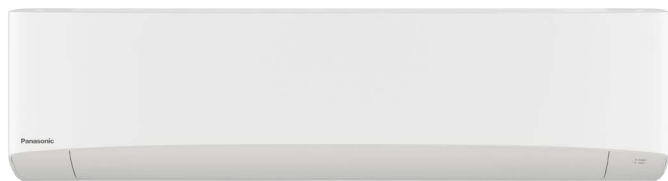
NEW
2021

nanoe™ X

nanoe™ X as a standard.

NEW PACi NX Series Elite wall-mounted Inverter+ • R32

The wall-mounted units with stylish matt color can be offered for many applications such as studios, gyms, high ceiling areas and even computer server rooms. The compact design and flat face ensure discreet installation, even in a small space.



			Single phase				
			3,6 kW	5,0 kW	6,0 kW	7,1 kW	10,0 kW
Kit			KIT-36PK3ZH5	KIT-50PK3ZH5	KIT-60PK3ZH5	KIT-71PK3ZH5	KIT-100PK3ZH5
Remote controller			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]	6,1 [1,2 - 7,1]	7,1 [2,2 - 9,0]	9,5 [3,1 - 10,5]
EER ¹⁾	Nominal (Min - Max)	W/W	4,93 [5,45 - 4,49]	4,24 [5,45 - 3,61]	3,86 [5,45 - 3,02]	3,50 [5,79 - 2,69]	3,26 [5,34 - 3,09]
SEER ²⁾			8,4 A++	8,0 A++	7,2 A++	6,8 A++	6,4 A++
Pdesign		kW	3,6	5,0	6,1	7,1	9,5
Input power cooling	Nominal (Min - Max)	kW	0,73 [0,22 - 8,90]	1,18 [0,22 - 1,55]	1,58 [0,22 - 2,35]	2,03 [0,38 - 3,35]	2,91 [0,58 - 3,40]
Annual energy consumption ³⁾		kWh/a	150	219	297	365	520
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]	9,5 [3,1 - 11,5]
COP ¹⁾	Nominal (Min - Max)	W/W	4,82 [5,45 - 4,17]	4,15 [5,45 - 3,55]	4,19 [5,45 - 3,40]	4,00 [5,56 - 3,16]	3,97 [5,54 - 3,43]
SCOP ²⁾			4,9 A++	4,7 A++	4,8 A++	4,7 A++	4,1 A+
Pdesign at -10 °C		kW	3,6	4,5	4,6	5,2	8,0
Input power heating	Nominal (Min - Max)	kW	0,83 [0,22 - 1,20]	1,35 [0,22 - 1,83]	1,67 [0,22 - 2,35]	2,00 [0,36 - 2,85]	2,39 [0,56 - 3,35]
Annual energy consumption ³⁾		kWh/a	1029	1341	1342	1549	2732
Indoor unit			S-3650PK3E	S-3650PK3E	S-6010PK3E	S-6010PK3E	S-6010PK3E
Air flow	Hi / Med / Lo	m³/min	13,0 / 11,0 / 9,0	16,0 / 13,5 / 11,0	20,0 / 17,5 / 14,5	20,0 / 17,5 / 14,5	22,0 / 18,5 / 15,0
Moisture removal volume		L/h	0,9	1,8	2,0	3,0	4,8
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	35 / 31 / 27	40 / 36 / 32	47 / 44 / 40	47 / 44 / 40	49 / 45 / 41
Sound power	Hi / Med / Lo	dB(A)	51 / 47 / 43	56 / 52 / 48	63 / 60 / 56	63 / 60 / 56	65 / 61 / 57
Dimension	H x W x D	mm	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236
Net weight		kg	13	13	14	14	14
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2
Outdoor unit			U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH3E5	U-100PZH3E5
Power source		V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current	Cool	A	3,60 - 3,45 - 3,30	5,60 - 5,35 - 5,10	7,40 - 7,10 - 6,80	10,0 - 9,60 - 9,20	14,40 - 13,80 - 13,20
	Heat	A	4,05 - 3,90 - 3,70	6,40 - 6,10 - 5,85	7,75 - 7,40 - 7,10	9,65 - 9,35 - 8,95	11,70 - 11,30 - 10,80
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
Sound pressure	Cool / Heat (Hi)	dB(A)	43 / 44	46 / 48	47 / 50	48 / 50	52 / 52
Sound power	Cool / Heat (Hi)	dB(A)	62 / 64	64 / 67	65 / 69	65 / 67	69 / 69
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
Net weight		kg	42	42	43	65	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]
	Gas pipe	Inch (mm)	1/2 [12,70]	1/2 [12,70]	1/2 [12,70] ⁴⁾	5/8 [15,88]	5/8 [15,88]
Pipe length range		m	3 ~ 40	3 ~ 40	3 ~ 40	5 ~ 50	5 ~ 85
Elevation difference (in/out) ⁷⁾		m	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
Additional gas amount		g/m	15	15	15	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
Operating range	Cool Min ~ Max	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +48	-20 ~ +48 ⁹⁾
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

Technical focus

- Modern design with flat face and compact size
- DC fan for better efficiency and control
- Six directional piping outlet
- 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®
- 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

Closed discharge port

When the unit is turned OFF, the flap closes completely to prevent dust getting into the unit and to keep the equipment clean.

Quiet operation

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

Piping outlet in six directions

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



CZ-RTC5B



CONEX



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



Optional controller.
Infrared remote
controller.
CZ-RWS3



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
			KIT-71PK3ZH8	KIT-100PK3ZH8
Remote controller			CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	7,1 [2,2 - 9,0]	9,5 [3,1 - 10,5]
EER ¹⁾		W/W	3,50	3,26
SEER ²⁾			6,7 A++	6,3 A++
Pdesign		kW	7,1	9,5
Input power cooling		kW	2,03	2,91
Annual energy consumption ³⁾		kWh/a	370	526
Heating capacity	Nominal (Min - Max)	kW	8,0 [2,0 - 9,0]	9,5 [3,1 - 11,5]
COP ¹⁾		W/W	4,00	3,97
SCOP ²⁾			4,7 A++	4,1 A+
Pdesign at -10 °C		kW	5,2	8,0
Input power heating		kW	2,00	2,39
Annual energy consumption ³⁾		kWh/a	1549	2732
Indoor unit			S-6010PK3E	S-6010PK3E
Air flow	Hi / Med / Lo	m³/min	20,0/17,5/14,5	22,0/18,5/15,0
Moisture removal volume		L/h	3,0	4,8
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	47/44/40	49/45/41
Sound power	Hi / Med / Lo	dB(A)	63/60/56	65/61/57
Dimension	HxWxD	mm	302x1120x236	302x1120x236
Net weight		kg	14	14
nanoe X Generator			Mark 2	Mark 2
Outdoor unit			U-71PZH3E8	U-100PZH3E8
Power source		V	380 - 400 - 415	380 - 400 - 415
Current	Cool	A	3,40 - 3,25 - 3,15	4,85 - 4,60 - 4,40
	Heat	A	3,30 - 3,15 - 3,05	4,00 - 3,80 - 3,60
Air flow	Cool / Heat	m³/min	61,0/60,0	118,0/108,0
Sound pressure	Cool / Heat (Hi)	dB(A)	48/50	52/52
Sound power	Cool / Heat (Hi)	dB(A)	65/67	69/69
Dimension	HxWxD	mm	996 x 940 x 340	1416 x 940 x 340
Net weight		kg	65	98
Pipe diameter	Liquid pipe	Inch (mm)	3/8 [9,52]	3/8 [9,52]
	Gas pipe	Inch (mm)	5/8 [15,88]	5/8 [15,88]
Pipe length range		m	5 - 50	5 - 85
Elevation difference (in/out) ⁷⁾		m	15/30 ⁸⁾	15/30 ⁸⁾
Pipe length for additional gas		m	30	30
Additional gas amount		g/m	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	1,95/1,32	3,05/2,06
Operating range	Cool Min ~ Max	°C	-15 ~ +48	-20 ~ +48 ⁹⁾
	Heat Min ~ Max	°C	-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	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-3650PK3E + 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.

NEW
2021

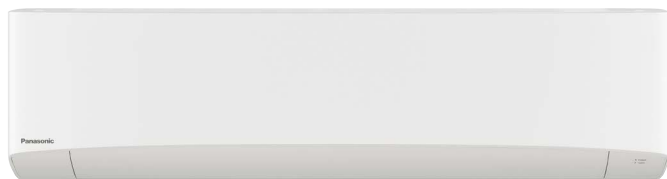
nanoe™ X

nanoe™ X as a standard.

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• R32

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The compact design and flat face ensure discreet installation, even in a small space.



			Single phase				
			3,6 kW	5,0 kW	6,0 kW	7,1 kW	10,0 kW
Kit			KIT-36PK3Z5	KIT-50PK3Z5	KIT-60PK3Z5	KIT-71PK3Z5	KIT-100PK3Z5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	3,6 [1,5 - 4,0]	5,0 [1,5 - 5,6]	6,1 [2,0 - 7,1]	7,1 [2,6 - 7,7]	9,0 [3,0 - 9,7]
EER ¹⁾		W/W	4,14	3,52	3,67	3,16	3,47
SEER ²⁾			7,6 A++	7,4 A++	7,0 A++	5,8 A+	6,5 A++
Pdesign		kW	3,6	5,0	6,1	7,1	9,0
Input power cooling		kW	0,87	1,42	1,66	2,25	2,59
Annual energy consumption ³⁾		kWh/a	166	237	3,05	429	485
Heating capacity	Nominal (Min - Max)	kW	3,6 [1,5 - 4,6]	5,0 [1,5 - 6,4]	6,1 [1,8 - 7,0]	7,1 [2,1 - 8,1]	9,0 [3,0 - 10,5]
COP ¹⁾		W/W	4,62	4,20	4,39	4,23	3,93
SCOP ²⁾			4,5 A+	4,4 A+	4,7 A++	4,4 A+	3,9 A
Pdesign at -10 °C		kW	2,8	4,0	4,6	5,2	9,0
Input power heating		kW	0,78	1,19	1,39	1,68	2,29
Annual energy consumption ³⁾		kWh/a	872	1273	1370	1653	3231
Indoor unit			S-3650PK3E	S-3650PK3E	S-6010PK3E	S-6010PK3E	S-6010PK3E
Air flow	Hi / Med / Lo	m³/min	13,0/11,0/9,0	16,0/13,5/11,0	20,0/17,5/14,5	20,0/17,5/14,5	22,0/18,5/15,0
Moisture removal volume		L/h	0,9	1,8	2,0	3,0	4,3
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	35/31/27	40/36/32	47/44/40	47/44/40	49/45/41
Sound power	Hi / Med / Lo	dB(A)	51/47/43	56/52/48	63/60/56	63/60/56	65/61/57
Dimension	H x W x D	mm	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236
Net weight		kg	13	13	14	14	14
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2
Outdoor unit			U-36PZ3E5	U-50PZ3E5	U-60PZ3E5A	U-71PZ3E5A	U-100PZ3E5
Power source		V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current	Cool	A	4,05 - 3,85 - 3,70	6,60 - 6,30 - 6,05	7,70 - 7,35 - 7,05	10,4 - 10,00 - 9,55	12,9 - 12,4 - 11,9
	Heat	A	3,65 - 3,50 - 3,35	5,60 - 5,35 - 5,10	6,45 - 6,15 - 5,90	7,80 - 7,45 - 7,15	11,4 - 10,9 - 10,5
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
Sound pressure	Cool / Heat (Hi)	dB(A)	46/47	46/46	47/48	48/49	52/52
Sound power	Cool / Heat (Hi)	dB(A)	64/66	64/64	64/65	66/68	70/70
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
Net weight		kg	32	35	42	50	83
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]
	Gas pipe	Inch (mm)	1/2 [12,70]	1/2 [12,70]	1/2 [12,70] ⁶⁾	5/8 [15,88] ⁶⁾	5/8 [15,88]
Pipe length range		m	3 ~ 15	3 ~ 20	3 ~ 40	3 ~ 40	5 ~ 50
Elevation difference (in/out) ⁷⁾		m	15/15 ⁸⁾	15/15 ⁸⁾	15/30 ⁸⁾	20/30 ⁸⁾	15/30 ⁸⁾
Pipe length for additional gas		m	7,5	7,5	30	30	30
Additional gas amount		g/m	10	15	15	17	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	0,87/0,59	1,14/0,77	1,15/0,78	1,32/0,89	2,4/1,62
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

Technical focus

- Modern design with flat face and compact size
- DC fan for better efficiency and control
- Six directional piping outlet
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- Wired remote control CZ-RTC6BL allows easy system setting via Bluetooth®
- 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

Closed discharge port

When the unit is turned OFF, the flap closes completely to prevent dust getting into the unit and to keep the equipment clean.

Quiet operation

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

Piping outlet in six directions

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CZ-RTC5B

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



CONEX



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



Optional controller.
Infrared remote controller.
CZ-RWS3



Optional Econavi sensor.
CZ-CENSC1

Three phase			
10,0 kW			
KIT-100PK3Z8			
CZ-RTC5B			
Kit			
Remote controller			
Cooling capacity	Nominal (Min - Max)	kW	9,0 (3,0 - 9,7)
EER ¹⁾		W/W	3,47
SEER ²⁾			6,5 A++
Pdesign		kW	9,0
Input power cooling		kW	2,59
Annual energy consumption ³⁾		kWh/a	485
Heating capacity	Nominal (Min - Max)	kW	9,0 (3,0 - 10,5)
COP ¹⁾		W/W	3,93
SCOP ²⁾			3,9 A
Pdesign at -10 °C		kW	9,0
Input power heating		kW	2,29
Annual energy consumption ³⁾		kWh/a	3231
Indoor unit			S-6010PK3E
Air flow	Hi / Med / Lo	m³/min	22,0 / 18,5 / 15,0
Moisture removal volume		L/h	4,3
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	49 / 45 / 41
Sound power	Hi / Med / Lo	dB(A)	65 / 61 / 57
Dimension	H x W x D	mm	302 x 1120 x 236
Net weight		kg	14
nanoe X Generator			Mark 2
Outdoor unit			U-100PZ3E8
Power source		V	380 - 400 - 415
Current	Cool	A	4,30 - 4,10 - 3,95
	Heat	A	3,80 - 3,65 - 3,50
Air flow	Cool / Heat	m³/min	73,0 / 73,0
Sound pressure	Cool / Heat (Hi)	dB(A)	52 / 52
Sound power	Cool / Heat (Hi)	dB(A)	70 / 70
Dimension	H x W x D	mm	996 x 980 x 370
Net weight		kg	83
Pipe diameter	Liquid pipe	Inch (mm)	3/8 (9,52)
	Gas pipe	Inch (mm)	5/8 (15,88)
Pipe length range		m	5 ~ 50
Elevation difference (in/out) ⁷⁾		m	15 / 30 ⁸⁾
Pipe length for additional gas		m	30
Additional gas amount		g/m	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	2,4 / 1,62
Operating range	Cool Min ~ Max	°C	-10 ~ +43
	Heat Min ~ Max	°C	-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	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: For S-3650PK3E + U-36PZ3E5. SCOP: For S-6010PK3E + 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

1-1-1-3. Wall Mounted Type S-3650PK3E(36) / U-36PZ3E5

INDOOR		MODEL	S-3650PK3E(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	3.6	3.6	3.6	-	-	-	1.5	4.0	
		BTU/h	12300	12300	12300	-	-	-	5100	13600	
	Current	A	-	-	-	4.05	3.85	3.70	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-			0.870k	0.870k	0.870k	255	1.07k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	435	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"--"G")	-	-	-	4.14	4.14 / A	4.14	5.88	3.74	
	ErP *6	Pdesign kW	-	-	-	-	3.6	-	-	-	
		SEER (W/W)	-	-	-	-	7.6	-	-	-	
	Annual consumption	kWh	-	-	-	-	166	-	-	-	
		Class	-	-	-	-	A++	-	-	-	
	Power factor	%	-	-	-	98	98	98	-	-	
Noise indoor *7	dB-A (H/M/L)	35 / 31 / 27							-	-	
	Power Level dB	51 / 47 / 43							-	-	
Noise outdoor	dB-A (H/L)	-				46 / -			-	-	
	Power Level dB	-				64 / -			-	-	
H E A T I N G	Capacity	kW	3.6	3.6	3.6	-	-	-	1.5	4.6	
		BTU/h	12300	12300	12300	-	-	-	5100	15700	
	Current	A	-	-	-	3.65	3.50	3.35	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-			0.780k	0.780k	0.780k	230	1.12k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"--"G")	-	-	-	4.62	4.62 / A	4.62	6.52	4.11	
	ErP *6	Pdesign at -10°C kW	-	-	-	-	2.8	-	-	-	
		Tbivalent °C	-	-	-	-	-10	-	-	-	
		SCOP (W/W)	-	-	-	-	4.5	-	-	-	
		Annual consumption kWh	-	-	-	-	872	-	-	-	
		elbu(-10°C) kW	-	-	-	-	0.00	-	-	-	
	Class	-	-	-	-	-	A+	-	-	-	
		Power factor	%	-	-	-	97	97	97	-	-
	Noise indoor *7	dB-A (H/M/L)	35 / 31 / 27							-	-
		Power Level dB	51 / 47 / 43							-	-
	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)		-	-	-	4.05 / 3.65	3.85 / 3.50	3.70 / 3.35	-	-		
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		54			40			-	-		
Moisture removal volume		L/h	0.9 (0.9 × 1)			-			-	-	
External static pressure		Pa	-			-			-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	13.0 / 11.0 / 9.0			-			-	-	
	Heating	m³/min (H/M/L)	13.0 / 11.0 / 9.0			-			-	-	
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 /	-			675	0.59	0.64	-	-		
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)	-									
Product dimension	Height	mm	302			619			-	-	
	Width	mm	1120			824			-	-	
	Depth	mm	236			299			-	-	
Product dimension (Panel)		H×W×D	-			-			-	-	
Packing dimension	Height	mm	282			680			-	-	
	Width	mm	1190			958			-	-	
	Depth	mm	378			416			-	-	
Weight	(NET)	kg	13			32			-	-	
	(GROSS)	kg	16			35			-	-	
	Panel (NET)	kg	-			-			-	-	
Layers limit (actually)		11 (12)			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 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

1-1-1-3. Wall Mounted Type S-3650PK3E(50) / U-50PZ3E5

INDOOR			MODEL		S-3650PK3E(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	5.6	
		BTU/h		17100	17100	17100	-	-	-	5100	19100	
	Current	A		-	-	-	6.60	6.30	6.05	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	1.420k	1.420k	1.420k	240	1.85k	
		TOTAL kWh *4		-	-	-	-	710	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.52	3.52 / A	3.52	6.25	3.03
	ErP *6	Pdesign kW		-	-	-	-	5.0	-	-	-	
		SEER (W/W)		-	-	-	-	7.4	-	-	-	
		Annual consumption kWh		-	-	-	-	237	-	-	-	
		Class		-	-	-	-	A++	-	-	-	
	Power factor		%		-	-	-	98	98	98	-	-
Noise indoor *7	dB-A (H/M/L)		40 / 36 / 32			-			-			
	Power Level dB		56 / 52 / 48			-			-			
	dB-A (H/L)		-			46 / -			-			
	Power Level dB		-			64 / -			-			
Noise outdoor	dB-A (H/L)		-			46 / -			-			
	Power Level dB		-			64 / -			-			
	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		-	-	-	5.60	5.35	5.10	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	1.190k	1.190k	1.190k	200	2.02k	
		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.20	4.20 / A	4.20	7.50	3.17	
	ErP *6	Pdesign at -10°C kW		-	-	-	-	4.0	-	-	-	
		Tbivalent °C		-	-	-	-	-10	-	-	-	
		SCOP (W/W)		-	-	-	-	4.4	-	-	-	
		Annual consumption kWh		-	-	-	-	1273	-	-	-	
		elbu(-10°C) kW		-	-	-	-	0.00	-	-	-	
		Class		-	-	-	-	A+	-	-	-	
Power factor		%		-	-	-	97	97	97	-	-	
Noise indoor *7	dB-A (H/M/L)		40 / 36 / 32			-			-			
	Power Level dB		56 / 52 / 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)		-			-	-	6.60 / 5.60	6.30 / 5.35	6.05 / 5.10	-		
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		54			-	-	40			-		
Moisture removal volume		L/h		1.8 (1.8 × 1)			-			-		
External static pressure		Pa		-			-			-		
Indoor Air flow *7	Cooling	m³/min (H/M/L)		16.0 / 13.5 / 11.0			-			-	-	
	Heating	m³/min (H/M/L)		16.0 / 13.5 / 11.0			-			-	-	
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 / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			-	675	0.77	0.90	-		
	Height mm		302			-	619			-		
Product dimension		Width mm		1120			-	824			-	
		Depth mm		236			-	299			-	
Product dimension (Panel)		H×W×D mm		-			-	-			-	
Packing dimension		Height mm		282			-	680			-	
		Width mm		1190			-	958			-	
		Depth mm		378			-	416			-	
Weight		(NET) kg		13			-	35			-	
		(GROSS) kg		16			-	38			-	
		Panel (NET) kg		-			-	-			-	
				-			-	-			-	
Layers limit (actually)		11 (12)			-	-	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 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

1-1-1-3. Wall Mounted Type S-6010PK3E(60) / U-60PZ3E5A

INDOOR		MODEL	S-6010PK3E(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	6.1	6.1	6.1	-	-	-	2.0	7.1	
		BTU/h	20800	20800	20800	-	-	-	6800	24200	
	Current	A	-	-	-	7.70	7.35	7.05	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-	-	-	1.660k	1.660k	1.660k	290	2.36k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	830	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.67	3.67 / A	3.67	6.90	3.01	
	ErP *6	Pdesign	kW	-	-	-	-	6.1	-	-	-
		SEER	(W/W)	-	-	-	-	7.0	-	-	-
		Annual consumption	kWh	-	-	-	-	305	-	-	-
		Class	-	-	-	-	A++	-	-	-	-
	Power factor	%	-	-	-	98	98	98	-	-	
	Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40			-			-	-	
		Power Level dB	63 / 60 / 56			-			-	-	
Noise outdoor	dB-A (H/L)	-			47 / -			-	-		
	Power Level dB	-			64 / -			-	-		
H E A T I N G	Capacity	kW	6.1	6.1	6.1	-	-	-	1.8	7.0	
		BTU/h	20800	20800	20800	-	-	-	6100	23900	
	Current	A	-	-	-	6.45	6.15	5.90	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-	-	-	1.390k	1.390k	1.390k	240	2.20k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.39	4.39 / A	4.39	7.50	3.18	
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	4.6	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.7	-	-	-
		Annual consumption	kWh	-	-	-	-	1370	-	-	-
	elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-	-
		Class	-	-	-	-	A++	-	-	-	-
	Power factor	%	-	-	-	98	98	98	-	-	
	Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40			-			-	-	
		Power Level dB	63 / 60 / 56			-			-	-	
	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)			-	-	-	7.70 / 6.45	7.35 / 6.15	7.05 / 5.90	-	-	
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			54			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)	20.0 / 17.5 / 14.5			-			-	-	
	Heating	m³/min (H/M/L)	20.0 / 17.5 / 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	302			695			-	-	
		Width mm	1120			875			-	-	
		Depth mm	236			320			-	-	
Product dimension (Panel)		H×W×D mm	-			-			-	-	
Packing dimension		Height mm	282			761			-	-	
		Width mm	1190			1049			-	-	
		Depth mm	378			460			-	-	
Weight	(NET) kg	14			42			-	-	-	
	(GROSS) kg	17			46			-	-	-	
	Panel (NET) kg	-			-			-	-	-	
Layers limit (actually)			11 (12)			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 E 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

1-1-1-3. Wall Mounted Type S-6010PK3E(71) / U-71PZ3E5A

INDOOR			MODEL		S-6010PK3E(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		7.1	7.1	7.1	-	-	-	2.6	7.7	
		BTU/h		24200	24200	24200	-	-	-	8900	26300	
	Current	A		-	-	-	10.4	10.0	9.55	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	2.250k	2.250k	2.250k	520	2.78k	
		TOTAL kWh *4		-	-	-	-	1125	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.16	3.16 / B	3.16	5.00	2.77	
		Pdesign kW		-	-	-	-	7.1	-	-	-	
	ErP *6	SEER (W/W)		-	-	-	-	5.8	-	-	-	
		Annual consumption kWh		-	-	-	-	429	-	-	-	
	Class			-	-	-	-	A+	-	-	-	
		Power factor %		-	-	-	98	98	98	-	-	
	Noise indoor *7	dB-A (H/M/L)		47 / 44 / 40			-			-	-	
		Power Level dB		63 / 60 / 56			-			-	-	
	Noise outdoor	dB-A (H/L)		-			48 / -			-	-	
		Power Level dB		-			66 / -			-	-	
H E A T I N G	Capacity	kW		7.1	7.1	7.1	-	-	-	2.1	8.1	
		BTU/h		24200	24200	24200	-	-	-	7200	27600	
	Current	A		-	-	-	7.80	7.45	7.15	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	1.680k	1.680k	1.680k	330	2.40k	
		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.23	4.23 / A	4.23	6.36	3.38	
	ErP *6	Pdesign at -10°C kW		-	-	-	-	5.2	-	-	-	
		Tbivalent °C		-	-	-	-	-10	-	-	-	
	SCOP	(W/W)		-	-	-	-	4.4	-	-	-	
		Annual consumption kWh		-	-	-	-	1653	-	-	-	
	elbu(-10°C)	kW		-	-	-	-	0.00	-	-	-	
		Class		-	-	-	-	A+	-	-	-	
	Power factor	%		-	-	-	98	98	98	-	-	
		dB-A (H/M/L)		47 / 44 / 40			-			-	-	
	Noise indoor *7	Power Level dB		63 / 60 / 56			-			-	-	
		dB-A (H/L)		-			49 / -			-	-	
Noise outdoor	Power Level dB		-			68 / -			-	-		
	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)		-	-	-	10.4 / 7.80	10.0 / 7.45	9.55 / 7.15	-	-	-		
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		-	-	54	-	40	-	-	-	-		
Moisture removal volume L/h		-	3.0 (3.0 × 1)	-	-	-	-	-	-	-		
External static pressure Pa		-	-	-	-	-	-	-	-	-		
Indoor Air flow *7	Cooling	m³/min (H/M/L)		20.0 / 17.5 / 14.5			-			-	-	
	Heating	m³/min (H/M/L)		20.0 / 17.5 / 14.5			-			-	-	
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 /		-			675	0.89	1.01	-	-	-	
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			-	-	-	-	-	-	
Product dimension	Height	mm		302			695			-	-	
	Width	mm		1120			875			-	-	
	Depth	mm		236			320			-	-	
Product dimension (Panel)		H×W×D	mm		-			-			-	-
Packing dimension	Height	mm		282			761			-	-	
	Width	mm		1190			1049			-	-	
	Depth	mm		378			460			-	-	
Weight	(NET)	kg		14			50			-	-	
	(GROSS)	kg		17			54			-	-	
	Panel (NET)	kg		-			-			-	-	
Layers limit (actually)		11 (12)			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(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		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

1-1-1-3. Wall Mounted Type S-6010PK3E(100) / U-100PZ3E5

INDOOR		MODEL	S-6010PK3E(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	9.0	9.0	9.0	-	-	-	3.0	9.7	
		BTU/h	30700	30700	30700	-	-	-	10200	33100	
	Current	A	-	-	-	12.9	12.4	11.9	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-	-	-	2.590k	2.590k	2.590k	560	3.10k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	1295	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.47	3.47 / A	3.47	5.36	3.13
	ErP *6	Pdesign	kW	-	-	-	-	9.0	-	-	-
		SEER	(W/W)	-	-	-	-	6.5	-	-	-
		Annual consumption	kWh	-	-	-	-	485	-	-	-
		Class	-	-	-	-	A++	-	-	-	-
	Power factor		%	-	-	-	91	91	91	-	-
Noise indoor *7	dB-A (H/M/L)	49 / 45 / 41				-			-	-	
	Power Level dB	65 / 61 / 57				-			-	-	
Noise outdoor	dB-A (H/L)	-				52 / -			-	-	
	Power Level dB	-				70 / -			-	-	
H E A T I N G	Capacity	kW	9.0	9.0	9.0	-	-	-	3.0	10.5	
		BTU/h	30700	30700	30700	-	-	-	10200	35800	
	Current	A	-	-	-	11.4	10.9	10.5	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-	-	-	2.290k	2.290k	2.290k	560	2.95k	
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.93	3.93 / A	3.93	5.36	3.56
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	9.0	-	-	-
		Tbivalent	°C	-	-	-	-	-7	-	-	-
		SCOP	(W/W)	-	-	-	-	3.9	-	-	-
		Annual consumption	kWh	-	-	-	-	3231	-	-	-
	elbu(-10°C)	kW	-	-	-	-	1.25	-	-	-	-
		Class	-	-	-	-	A	-	-	-	-
	Power factor		%	-	-	-	91	91	91	-	-
	Noise indoor *7	dB-A (H/M/L)	49 / 45 / 41				-			-	-
		Power Level dB	65 / 61 / 57				-			-	-
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)		-	-	-	12.9 / 11.4	12.4 / 10.9	11.9 / 10.5	-			
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		-	-	54	120			-			
Moisture removal volume		L/h	4.3 (4.3 × 1)			-			-		
External static pressure		Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (H/M/L)	22.0 / 18.5 / 15.0			-			-	-	
	Heating	m³/min (H/M/L)	22.0 / 18.5 / 15.0			-			-	-	
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	302			996			-		
		Width mm	1120			980			-		
		Depth mm	236			370			-		
Product dimension (Panel)		H×W×D mm	-			-			-		
Packing dimension		Height mm	282			1134			-		
		Width mm	1190			1095			-		
		Depth mm	378			529			-		
Weight		(NET) kg	14			83			-		
		(GROSS) kg	17			91			-		
		Panel (NET) kg	-			-			-		
Layers limit (actually)		-	11 (12)			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			-			-		
	Pine 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

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-3650PK3E(50)×2 / U-100PZ3E5

INDOOR			MODEL		S-3650PK3E(50) ×2			-			-		
PANEL			MODEL		-			-			-		
OUTDOOR			MODEL		-			U-100PZ3E5			-		
Branch pipe			MODEL					CZ-P155BK1					
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	11.0		
		BTU/h		34100	34100	34100	-	-	-	10200	37500		
	Current	A		-	-	-	14.4	13.8	13.2	-	-		
		W		-	-	-	-	-	-	-	-		
	Input power	TOTAL W		-	-	-	2.880k	2.880k	2.880k	560	4.00k		
		TOTAL kWh *4		-	-	-	-	1440	-	-	-		
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.47	3.47 / A	3.47	5.36	2.75	
	ErP *6	Pdesign kW		-	-	-	-	10.0	-	-	-	-	
		SEER (W/W)		-	-	-	-	6.4	-	-	-	-	
		Annual consumption kWh		-	-	-	-	547	-	-	-	-	
		Class		-	-	-	-	A++	-	-	-	-	
	Power factor		%		-	-	-	91	91	91	-	-	
	Noise indoor *7	dB-A (H/M/L)		40 / 36 / 32			-			-	-	-	
		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		10.0	10.0	10.0	-	-	-	3.0	12.4		
		BTU/h		34100	34100	34100	-	-	-	10200	42300		
	Current	A		-	-	-	12.2	11.6	11.1	-	-		
		W		-	-	-	-	-	-	-	-		
	Input power	TOTAL W		-	-	-	2.540k	2.540k	2.540k	560	3.90k		
		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.94	3.94 / A	3.94	5.36	3.18		
	ErP *6	Pdesign at -10°C kW		-	-	-	-	10.0	-	-	-	-	
		Tbivalent °C		-	-	-	-	-7	-	-	-	-	
		SCOP (W/W)		-	-	-	-	3.9	-	-	-	-	
		Annual consumption kWh		-	-	-	-	3590	-	-	-	-	
		elbu(-10°C) kW		-	-	-	-	1.69	-	-	-	-	
		Class		-	-	-	-	A	-	-	-	-	
	Power factor		%		-	-	-	95	95	95	-	-	
	Noise indoor *7	dB-A (H/M/L)		40 / 36 / 32			-			-	-	-	
		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)		-			-	14.4 / 12.2	13.8 / 11.6	13.2 / 11.1	-				
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		54			-	120			-				
Moisture removal volume L/h		3.6 (1.8 ×2)			-	-			-				
External static pressure Pa		-			-	-			-				
Indoor Air flow *7	Cooling	m³/min (H/M/L)		16.0 ×2 / 13.5 ×2 / 11.0 ×2			-			-	-		
	Heating	m³/min (H/M/L)		16.0 ×2 / 13.5 ×2 / 11.0 ×2			-			-	-		
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	302			996			-			
		Width mm	1120			980			-				
		Depth mm	236			370			-				
Product dimension (Panel)		H×W×D mm	-			-			-				
Packing dimension		Height mm	282			1134			-				
		Width mm	1190			1095			-				
		Depth mm	378			529			-				
Weight	(NET) kg	13			83			-					
	(GROSS) kg	16			91			-					
	Panel (NET) kg		-			-			-				
	Layers limit (actually)		11 (12)			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)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(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 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

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-6010PK3E(60) ×2 / U-125PZ3E5

Simultaneous (Twin) - Type

INDOOR		MODEL	S-6010PK3E(60) ×2			-			-		
PANEL		MODEL	-			-			-		
OUTDOOR		MODEL	-			U-125PZ3E5			-		
Branch pipe		MODEL				CZ-P155BK1					
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	13.2	
		BTU/h	42700	42700	42700	-	-	-	10900	45000	
	Current	A	-	-	-	18.9	18.0	17.3	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	3.900k	3.900k	3.900k	600	4.80k	
		Annual consumption	TOTAL kWh *4	-	-	-	-	1950	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.21	3.21 / A	3.21	5.33	2.75
	ErP *6	Pdesign	kW	-	-	-	-	12.5	-	-	-
		η _{sc}	%	-	-	-	-	237.0	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
		Class		-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	94	94	94	-	-
Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40				-			-	-	
	Power Level dB	63 / 60 / 56				-			-	-	
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	-	-	-	16.2	15.5	14.9	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	3.360k	3.360k	3.360k	600	4.60k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.72	3.72 / A	3.72	5.50	3.26
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	12.5	-	-	-
		Tbivalent	°C	-	-	-	-	-7	-	-	-
		η _{sh}	%	-	-	-	-	139.7	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
	elbu(-10°C)	kW	-	-	-	-	2.40	-	-	-	-
		Class		-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	94	94	94	-	-
	Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40				-			-	-
		Power Level dB	63 / 60 / 56				-			-	-
	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)			-	-	-	18.9 / 16.2	18.0 / 15.5	17.3 / 14.9	-	-	
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			54			120			-	-	
Moisture removal volume			L/h	4.0 (2.0 ×2)		-			-	-	
External static pressure			Pa	-		-			-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	20.0 ×2 / 17.5 ×2 / 14.5 ×2			-			-	-	
	Heating	m³/min (H/M/L)	20.0 ×2 / 17.5 ×2 / 14.5 ×2			-			-	-	
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	302			996			-	-	
		Width mm	1120			980			-	-	
		Depth mm	236			370			-	-	
Product dimension (Panel)		H×W×D mm	-			-			-	-	
Packing dimension		Height mm	282			1134			-	-	
		Width mm	1190			1095			-	-	
		Depth mm	378			529			-	-	
Weight		(NET) kg	14			87			-	-	
		(GROSS) kg	17			95			-	-	
		Panel (NET) kg	-			-			-	-	
Layers limit (actually)			11 (12)			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 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

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-6010PK3E(71) ×2 / U-140PZ3E5

INDOOR			MODEL		S-6010PK3E(71) ×2			-			-		
PANEL			MODEL		-			-			-		
OUTDOOR			MODEL		-			U-140PZ3E5			-		
Branch pipe			MODEL					CZ-P155BK1					
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		-	-	-	23.4	22.4	21.5	-	-	
			W		-	-	-	-	-	-	-	-	
	Input power		TOTAL W		-			4.840k	4.840k	4.840k	620	5.60k	
			TOTAL kWh *4		-	-	-	-	2420	-	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	2.89	2.89 / C	2.89	5.32	2.68	
			Pdesign kW		-	-	-	-	14.0	-	-	-	-
	ErP *6		η _{sc} %		-	-	-	-	228.6	-	-	-	-
			Annual consumption kWh		-	-	-	-	-	-	-	-	-
	Class				-	-	-	-	-	-	-	-	-
			Power factor %		-	-	-	94	94	94	-	-	-
	Noise indoor *7		dB-A (H/M/L)		47 / 44 / 40			-			-	-	-
			Power Level dB		63 / 60 / 56			-			-	-	-
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		-	-	-	19.1	18.3	17.5	-	-	
			W		-	-	-	-	-	-	-	-	
	Input power		TOTAL W		-			3.950k	3.950k	3.950k	620	5.00k	
			TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.54	3.54 / B	3.54	5.48	3.20	
	Pdesign at -10°C		kW		-	-	-	-	13.6	-	-	-	-
			Tbivalent °C		-	-	-	-	-7	-	-	-	-
	ErP *6		η _{sh} %		-	-	-	-	137.7	-	-	-	-
			Annual consumption kWh		-	-	-	-	-	-	-	-	-
	elbu(-10°C)		kW		-	-	-	-	2.80	-	-	-	-
			Class		-	-	-	-	-	-	-	-	-
	Power factor		%		-	-	-	94	94	94	-	-	-
			dB-A (H/M/L)		47 / 44 / 40			-			-	-	-
Noise indoor *7		Power Level dB		63 / 60 / 56			-			-	-	-	
		dB-A (H/L)		-			56 / -			-	-	-	
Noise outdoor		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)		-			-	-	23.4 / 19.1	22.4 / 18.3	21.5 / 17.5	-			
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		-			54			120			-		
Moisture removal volume		L/h		6.0 (3.0 ×2)			-			-			
External static pressure		Pa		-			-			-			
Indoor Air flow *7	Cooling	m³/min (H/M/L)		20.0 ×2 / 17.5 ×2 / 14.5 ×2			-			-	-		
	Heating	m³/min (H/M/L)		20.0 ×2 / 17.5 ×2 / 14.5 ×2			-			-	-		
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	302			996			-			
Width mm			1120			980			-				
Depth mm			236			370			-				
Product dimension (Panel)		H×W×D mm	-			-			-				
		Height mm	282			1134			-				
Packing dimension		Width mm	1190			1095			-				
		Depth mm	378			529			-				
Weight		(NET) kg	14			87			-				
		(GROSS) kg	17			95			-				
		Panel (NET) kg	-			-			-				
Layers limit (actually)				11 (12)			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	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)			-			-				
P I P E	Connecting method		flared type			flared type			-				
	Standard length m		5 m			-			-				
N G	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

1-1-1-3. Wall Mounted Type S-6010PK3E(100) / U-100PZ3E8

INDOOR		MODEL	S-6010PK3E(100)			-			-		
PANEL		MODEL	-			-			-		
OUTDOOR		MODEL	-			U-100PZ3E8			-		
Branch pipe		MODEL	-								
Performance test condition			ISO5151 / EN14511 / EN12102 / EN14825								
Power supply		Ø, Hz	1Ø 50Hz			3Ø 50Hz					
		V	220V	230V	240V	380V	400V	415V	Min	Max	
C O O L I N G	Capacity	kW	9.0	9.0	9.0	-	-	-	3.0	9.7	
		BTU/h	30700	30700	30700	-	-	-	10200	33100	
	Current	A	-	-	-	4.30	4.10	3.95	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-			2.590k	2.590k	2.590k	560	3.10k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	1295	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"--"G")	-	-	-	3.47	3.47 / A	3.47	5.36	3.13	
	ErP *6	Pdesign	kW	-	-	-	-	9.0	-	-	-
		SEER	(W/W)	-	-	-	-	6.5	-	-	-
	Annual consumption	kWh	-	-	-	-	485	-	-	-	-
		Class	-	-	-	-	A++	-	-	-	-
	Power factor	%	-	-	-	91	91	91	-	-	-
Noise indoor *7	dB-A (H/M/L)	49 / 45 / 41				-			-	-	
	Power Level dB	65 / 61 / 57				-			-	-	
Noise outdoor	dB-A (H/L)	-				52 / -			-	-	
	Power Level dB	-				70 / -			-	-	
H E A T I N G	Capacity	kW	9.0	9.0	9.0	-	-	-	3.0	10.5	
		BTU/h	30700	30700	30700	-	-	-	10200	35800	
	Current	A	-	-	-	3.80	3.65	3.50	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-			2.290k	2.290k	2.290k	560	2.95k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"--"G")	-	-	-	3.93	3.93 / A	3.93	5.36	3.56	
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	9.0	-	-	-
		Tbivalent	°C	-	-	-	-	-7	-	-	-
	SCOP	(W/W)	-	-	-	-	3.9	-	-	-	
	Annual consumption	kWh	-	-	-	-	3231	-	-	-	-
		elbu(-10°C)	kW	-	-	-	-	1.40	-	-	-
	Class	-	-	-	-	-	A	-	-	-	-
		Power factor	%	-	-	-	91	91	91	-	-
	Noise indoor *7	dB-A (H/M/L)	49 / 45 / 41				-			-	-
		Power Level dB	65 / 61 / 57				-			-	-
	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)			-	-	-	11.9 / 5.99k	11.9 / 6.29k	11.9 / 6.49k	-	-	
Starting current(A) (Cooling/Heating)			-	-	-	4.30 / 3.80	4.10 / 3.65	3.95 / 3.50	-	-	
Comp output(W)			-			2.50k	2.50k	2.50k	-	-	
Time Delay fuse max size(A)			-			15			-	-	
Network Impedance(ΩMAX.)			-			-			-	-	
Fan motor output (Indoor/Outdoor) W			54			120			-	-	
Moisture removal volume		L/h	4.3 (4.3 × 1)			-			-	-	
External static pressure		Pa	-			-			-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	22.0 / 18.5 / 15.0			-			-	-	
	Heating	m³/min (H/M/L)	22.0 / 18.5 / 15.0			-			-	-	
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	302			996			-	-	
	Width	mm	1120			980			-	-	
	Depth	mm	236			370			-	-	
Product dimension (Panel)		H×W×D mm	-			-			-	-	
Packing dimension	Height	mm	282			1134			-	-	
	Width	mm	1190			1095			-	-	
	Depth	mm	378			529			-	-	
Weight	(NET)	kg	14			83			-	-	
	(GROSS)	kg	17			91			-	-	
	Panel (NET)	kg	-			-			-	-	
Layers limit (actually)			11 (12)			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)			(Liquid)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

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-3650PK3E(50) ×2 / U-100PZ3E8

Simultaneous (Twin) - Type

INDOOR			MODEL		S-3650PK3E(50) ×2			-			-			
PANEL			MODEL		-			-			-			
OUTDOOR			MODEL		-			U-100PZ3E8			-			
Branch pipe			MODEL					CZ-P155BK1						
Performance test condition					ISO5151 / EN14511 / EN12102 / EN14825									
Power supply			Ø, Hz		1Ø 50Hz			3Ø 50Hz						
			V		220V	230V	240V	380V	400V	415V	Min	Max		
C O O L I N G	Capacity		kW		10.0	10.0	10.0	-	-	-	3.0	11.0		
			BTU/h		34100	34100	34100	-	-	-	10200	37500		
	Current		A		-	-	-	4.80	4.55	4.40	-	-		
			W		-	-	-	-	-	-	-	-		
	Input power		TOTAL W		-		2.880k		2.880k	2.880k	560	4.00k		
			TOTAL kWh *4		-	-	-	-	1440	-	-	-		
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.47	3.47 / A	3.47	5.36	2.75		
	ErP *6	Pdesign		kW		-	-	-	-	10.0	-	-	-	
		SEER		(W/W)		-	-	-	-	6.4	-	-	-	
		Annual consumption		kWh		-	-	-	-	547	-	-	-	
		Class				-	-	-	-	A++	-	-	-	
	Power factor			%		-	-	-	91	91	91	-	-	
Noise indoor *7			dB-A (H/M/L)		40 / 36 / 32			-			-	-		
			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		10.0	10.0	10.0	-	-	-	3.0	12.4		
			BTU/h		34100	34100	34100	-	-	-	10200	42300		
	Current		A		-	-	-	4.15	3.95	3.80	-	-		
			W		-	-	-	-	-	-	-	-		
	Input power		TOTAL W		-		2.540k		2.540k	2.540k	560	3.90k		
			TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.94	3.94 / A	3.94	5.36	3.18		
	ErP *6	Pdesign at -10°C		kW		-	-	-	-	10.0	-	-	-	
		Tbivalent		°C		-	-	-	-	-7	-	-	-	
		SCOP		(W/W)		-	-	-	-	3.9	-	-	-	
		Annual consumption		kWh		-	-	-	-	3590	-	-	-	
	Power factor			elbu(-10°C)		kW		-	-	-	1.69	-	-	-
				Class				-	-	-	A	-	-	-
	Noise indoor *7			%		-	-	-	93	93	93	-	-	-
				dB-A (H/M/L)		40 / 36 / 32			-			-	-	-
	Noise outdoor			Power Level dB		56 / 52 / 48			-			-	-	-
				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)					-	-	-	11.9 / 5.99k	11.9 / 6.29k	11.9 / 6.49k	-			
Starting current(A) (Cooling/Heating)					-	-	-	4.80 / 4.15	4.55 / 3.95	4.40 / 3.80	-			
Comp output(W)					-			2.50k	2.50k	2.50k	-			
Time Delay fuse max size(A)					-			15			-			
Network Impedance(ΩMAX.)					-			-			-			
Fan motor output (Indoor/Outdoor) W					54			120			-			
Moisture removal volume			L/h		3.6 (1.8 ×2)			-			-			
External static pressure			Pa		-			-			-			
Indoor Air flow *7	Cooling		m³/min (H/M/L)		16.0 ×2 / 13.5 ×2 / 11.0 ×2			-			-	-		
	Heating		m³/min (H/M/L)		16.0 ×2 / 13.5 ×2 / 11.0 ×2			-			-	-		
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		302			996			-			
			Width mm		1120			980			-			
			Depth mm		236			370			-			
Product dimension (Panel)			H×W×D mm		-			-			-			
Packing dimension			Height mm		282			1134			-			
			Width mm		1190			1095			-			
			Depth mm		378			529			-			
Weight			(NET) kg		13			83			-			
			(GROSS) kg		16			91			-			
			Panel (NET) kg		-			-			-			
Layers limit (actually)					11 (12)			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)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(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 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

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-6010PK3E(60) ×2 / U-125PZ3E8

Simultaneous (Twin) - Type

INDOOR		MODEL	S-6010PK3E(60) ×2			-			-			
PANEL		MODEL	-			-			-			
OUTDOOR		MODEL	-			U-125PZ3E8			-			
Branch pipe		MODEL				CZ-P155BK1						
Performance test condition			ISO5151 / EN14511 / EN12102 / EN14825									
Power supply		Ø, Hz	1Ø 50Hz			3Ø 50Hz						
		V	220V	230V	240V	380V	400V	415V	Min	Max		
C O O L I N G	Capacity	kW	12.5	12.5	12.5	-	-	-	3.2	13.2		
		BTU/h	42700	42700	42700	-	-	-	10900	45000		
	Current	A	-	-	-	6.30	6.00	5.75	-	-		
	Input power	W	-	-	-	-	-	-	-	-		
		TOTAL W	-	-	-	3.900k	3.900k	3.900k	600	4.80k		
	Annual consumption	TOTAL kWh *4	-	-	-	-	1950	-	-	-		
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.21	3.21 / A	3.21	5.33	2.75	
	ErP *6	Pdesign	kW	-	-	-	-	12.5	-	-	-	
		η _{sc}	%	-	-	-	-	236.3	-	-	-	
		Annual consumption	kWh	-	-	-	-	-	-	-	-	
		Class	-	-	-	-	-	-	-	-	-	
	Power factor		%	-	-	-	94	94	94	-	-	
Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40			-			-			-	
	Power Level dB	63 / 60 / 56			-			-			-	
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	-	-	-	5.45	5.15	4.95	-	-		
	Input power	W	-	-	-	-	-	-	-	-	-	
		TOTAL W	-	-	-	3.360k	3.360k	3.360k	600	4.60k		
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.72	3.72 / A	3.72	5.50	3.26	
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	12.5	-	-	-	
		Tbivalent	°C	-	-	-	-	-7	-	-	-	
		η _{sh}	%	-	-	-	-	139.7	-	-	-	
		Annual consumption	kWh	-	-	-	-	-	-	-	-	
		elbu(-10°C)	kW	-	-	-	-	2.40	-	-	-	
	Class	-	-	-	-	-	-	-	-	-	-	
		Power factor		%	-	-	-	94	94	94	-	-
	Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40			-			-			-
		Power Level dB	63 / 60 / 56			-			-			-
	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)			-	-	-	12.9 / 6.64k	12.9 / 6.94k	12.9 / 7.19k	-			
Starting current(A) (Cooling/Heating)			-	-	-	6.30 / 5.45	6.00 / 5.15	5.75 / 4.95	-			
Comp output(W)			-			2.80k	2.80k	2.80k	-			
Time Delay fuse max size(A)			-			20			-			
Network Impedance(ΩMAX.)			-			-			-			
Fan motor output (Indoor/Outdoor) W			54			120			-			
Moisture removal volume		L/h	4.0 (2.0 ×2)			-			-			
External static pressure		Pa	-			-			-			
Indoor Air flow *7	Cooling	m³/min (H/M/L)	20.0 ×2 / 17.5 ×2 / 14.5 ×2			-			-	-		
	Heating	m³/min (H/M/L)	20.0 ×2 / 17.5 ×2 / 14.5 ×2			-			-	-		
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	302			996			-			
		Width mm	1120			980			-			
		Depth mm	236			370			-			
Product dimension (Panel)		H×W×D mm	-			-			-			
Packing dimension		Height mm	282			1134			-			
		Width mm	1190			1095			-			
		Depth mm	378			529			-			
Weight		(NET) kg	14			87			-			
		(GROSS) kg	17			95			-			
		Panel (NET) kg	-			-			-			
Layers limit (actually)			11 (12)			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)						-			
	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)						-			
G	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

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-6010PK3E(71) ×2 / U-140PZ3E8

INDOOR			MODEL		S-6010PK3E(71) ×2			-			-		
PANEL			MODEL		-			-			-		
OUTDOOR			MODEL		-			U-140PZ3E8			-		
Branch pipe			MODEL		-			CZ-P155BK1			-		
Performance test condition					ISO5151 / EN14511 / EN12102 / EN14825								
Power supply			Ø, Hz		1Ø 50Hz			3Ø 50Hz					
			V		220V	230V	240V	380V	400V	415V	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		-	-	-	7.80	7.45	7.15	-	-	
			W		-	-	-	-	-	-	-	-	
	Input power		TOTAL W		-		4.840k		4.840k	4.840k	620	5.60k	
			TOTAL kWh *4		-	-	-	-	2420	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	2.89	2.89 / C	2.89	5.32	2.68	
	ErP *6	Pdesign		kW		-	-	-	-	14.0	-	-	-
		η _{sc}		%		-	-	-	-	228.0	-	-	-
		Annual consumption		kWh		-	-	-	-	-	-	-	-
		Class				-	-	-	-	-	-	-	-
	Power factor			%		-	-	-	94	94	94	-	-
dB-A (H/M/L)				47 / 44 / 40			-			-	-		
Noise indoor *7			Power Level dB		63 / 60 / 56			-			-	-	
			dB-A (H/L)		-			56 / -			-	-	
Noise outdoor			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		-	-	-	6.40	6.05	5.85	-	-	
			W		-	-	-	-	-	-	-	-	
	Input power		TOTAL W		-		3.950k		3.950k	3.950k	620	5.00k	
			TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.54	3.54 / B	3.54	5.48	3.20	
	ErP *6	Pdesign at -10°C		kW		-	-	-	-	13.6	-	-	-
		Tbivalent °C				-	-	-	-	-7	-	-	-
		η _{sh}		%		-	-	-	-	137.7	-	-	-
		Annual consumption		kWh		-	-	-	-	-	-	-	-
	ErP *6	elbu(-10°C)		kW		-	-	-	-	2.80	-	-	-
		Class				-	-	-	-	-	-	-	-
Power factor			%		-	-	-	94	94	94	-	-	
			dB-A (H/M/L)		47 / 44 / 40			-			-	-	
Noise indoor *7			Power Level dB		63 / 60 / 56			-			-	-	
			dB-A (H/L)		-			56 / -			-	-	
Noise outdoor			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)					-	-	-	13.4 / 6.94k	13.4 / 7.29k	13.4 / 7.54k	-		
Starting current(A) (Cooling/Heating)					-	-	-	7.80 / 6.40	7.45 / 6.05	7.15 / 5.85	-		
Comp output(W)					-			3.00k	3.00k	3.00k	-		
Time Delay fuse max size(A)					-			20			-		
Network Impedance(ΩMAX.)					-			-			-		
Fan motor output (Indoor/Outdoor) W					54			120			-		
Moisture removal volume			L/h	6.0 (3.0 ×2)			-			-			
External static pressure			Pa	-			-			-			
Indoor Air flow *7	Cooling	m³/min (H/M/L)		20.0 ×2 / 17.5 ×2 / 14.5 ×2			-			-	-		
	Heating	m³/min (H/M/L)		20.0 ×2 / 17.5 ×2 / 14.5 ×2			-			-	-		
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	302			996			-			
		Width	mm	1120			980			-			
		Depth	mm	236			370			-			
Product dimension (Panel)		H×W×D	mm	-			-			-			
Packing dimension		Height	mm	282			1134			-			
		Width	mm	1190			1095			-			
		Depth	mm	378			529			-			
Weight		(NET)	kg	14			87			-			
		(GROSS)	kg	17			95			-			
		Panel (NET)	kg	-			-			-			
Layers limit (actually)					11 (12)			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)			(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.

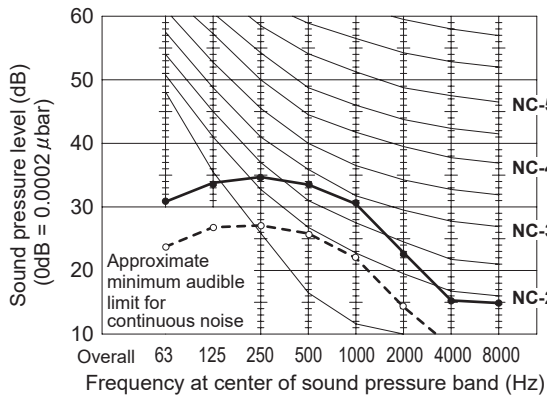
*7 H : High at setting 5 stage (Level 5), M : Middle at setting 5 stage (Level 3), L : Low at setting 5 stage (Level 1)

1-6-1-3. Wall Mounted Type

MODEL : S-3650PK3E(36)

SOUND	Strong	35 dB(A)
LEVEL	High	31 dB(A)
	Low	27 dB(A)

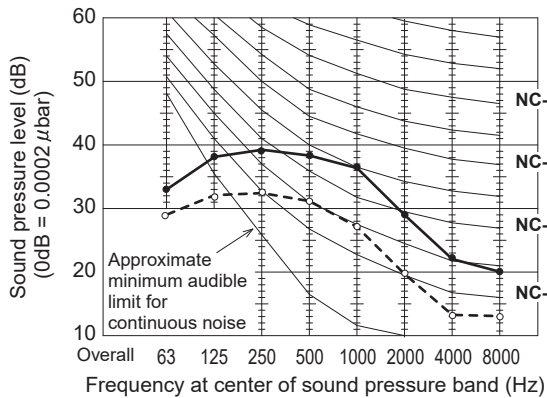
CONDITION : 1m in front of air discharge and then 1m below



MODEL : S-3650PK3E(50)

SOUND	Strong	40 dB(A)
LEVEL	High	36 dB(A)
	Low	32 dB(A)

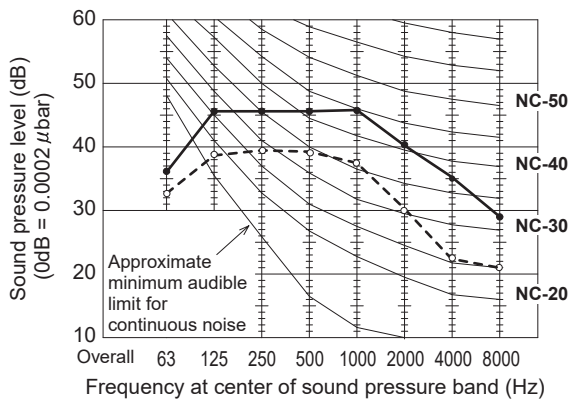
CONDITION : 1m in front of air discharge and then 1m below



MODEL : S-6010PK3E(100)

SOUND	Strong	49 dB(A)
LEVEL	High	45 dB(A)
	Low	41 dB(A)

CONDITION : 1m in front of air discharge and then 1m below



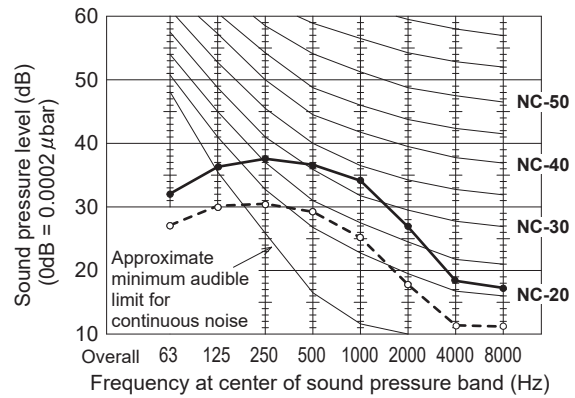
* For S-3650PK3E (36), S-3650PK3E (45), S-3650PK3E (50), S-6010PK3E (60), S-6010PK3E (71) and S-6010PK3E (100), see the Combination Table items 36, 45, 50, 60, 71 and 100 on page 20 to 22.

MODEL : S-3650PK3E(45)

—●— Strong
- -○- - Low

SOUND	Strong	38 dB(A)
LEVEL	High	34 dB(A)
	Low	30 dB(A)

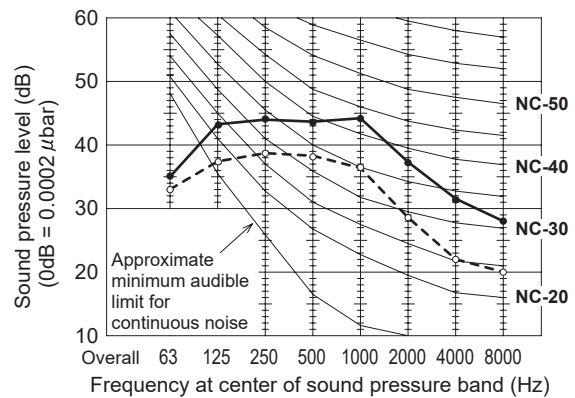
CONDITION : 1m in front of air discharge and then 1m below



MODEL : S-6010PK3E(60), S-6010PK3E(71)

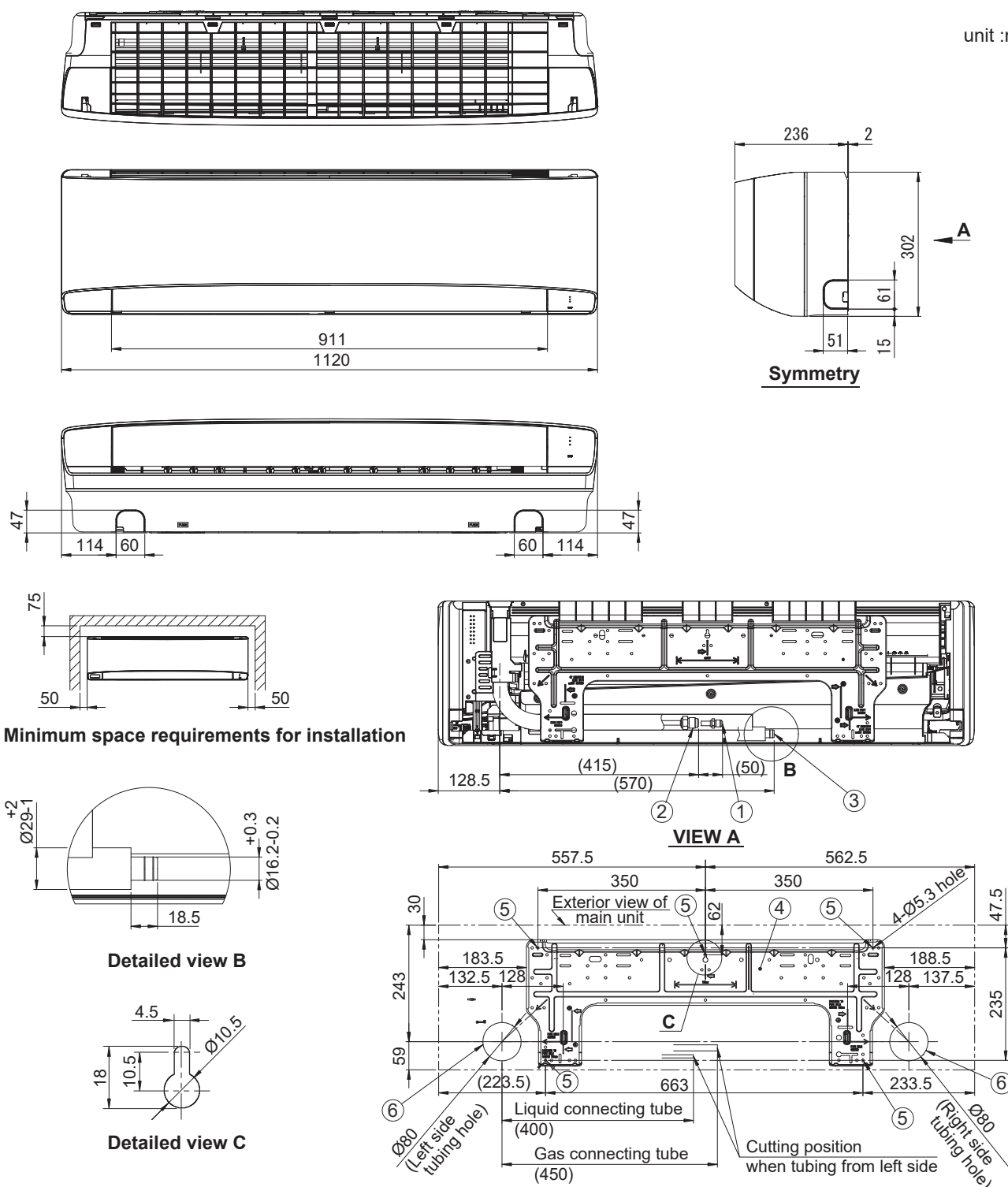
SOUND	Strong	47 dB(A)
LEVEL	High	44 dB(A)
	Low	40 dB(A)

CONDITION : 1m in front of air discharge and then 1m below



1-2-1-3. Wall Mounted Type S-3650PK3E, S-6010PK3E

unit :mm



①	Refrigerant tubing (liquid tube)	S-3650PK3E : $\phi 6.35$ (flared) S-6010PU3E : $\phi 9.52$ (flared) *1
②	Refrigerant tubing (gas tube)	S-3650PK3E : $\phi 12.7$ (flared) S-6010PK3E(60) : $\phi 15.88$ (flared) *2 S-6010PK3E(71) : $\phi 15.88$ (flared) S-6010PK3E(100) : $\phi 15.88$ (flared)
③	Drain hose	
④	Rear panel	
⑤	Rear panel fixing holes ($\phi 5.3$ holes or as shown in figure "C")	
⑥	Tubing and wiring holes ($\phi 80$)	

*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.