1-1. Unit Specifications
Single - Type
1-1-3. PZH4
1-1-3-3. Wall Mounted Type S-6010PK3E(100) / U-100PZH4E8

INDOOR		MODEL	S-6010PK3E(100)			-			-	
PANEL		MODEL	-			-			-	
OUTDOOR		MODEL	-			U-100PZH4E8			-	
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
COOLING	Capacity	kW	9.5	9.5	9.5	-	-	-	3.1	10.5
		BTU/h	32400	32400	32400	-	-	-	10600	35800
	Current	A	0.70	0.68	0.66	4.95	4.70	4.50	-	-
	Input power	W	75	75	75	-	-	-	-	-
		TOTAL W	-			2.96k	2.96k	2.96k	580	3.40k
	Annual consumption	TOTAL kWh *4	-	-	-	-	1480	-	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.21	3.21 / A	3.21	5.34	3.09
	ErP *6 Pdesign	kW	-	-	-	-	9.5	-	-	-
	ErP *6 SEER	(W/W)	-	-	-	-	6.3	-	-	-
	ErP *6 Annual consumption	kWh	-	-	-	-	526	-	-	-
	ErP *6 Class		-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	91	91	92	-	-
	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	-			69/-			-	-
HEATING	Capacity	kW	9.5	9.5	9.5	-	-	-	3.1	11.5
		BTU/h	32400	32400	32400	-	-	-	10600	39200
	Current	A	0.70	0.68	0.66	4.10	3.90	3.70	-	-
	Input power	W	75	75	75	-	-	-	-	-
		TOTAL W	-			2.45k	2.45k	2.45k	560	3.35k
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.88	3.88 / A	3.88	5.54	3.43
	ErP *6 Pdesign at -10°C	kW	-	-	-	-	8.0	-	-	-
	ErP *6 Tbivalent	°C	-	-	-	-	-10	-	-	-
	ErP *6 SCOP	(W/W)	-	-	-	-	3.9	-	-	-
	ErP *6 Annual consumption	kWh	-	-	-	-	2871	-	-	-
	ErP *6 elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-
	ErP *6 Class		-	-	-	-	A	-	-	-
	Power factor	%	-	-	-	91	91	92	-	-
	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	-			69/-			-	-
LOW TEMP	Total capacity(kW) / Input power(W) / COP		-			-	-	-	-	
EXTRA LOW TEMP	Total capacity(kW) / Input power(W) / COP		-			8.00	-	-	-	
Max Current(A) / Max Input power(W)			0.70/75	0.68/75	0.66/75	9.90 / 6.05k	9.90 / 6.30k	9.90 / 6.50k	-	
Starting current(A) (Cooling/Heating)			-	-	-	4.95 / 4.10	4.70 / 3.90	4.50 / 3.70	-	
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	4.8 (4.8×1)			-			-	
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	-			76.0			-	-
	Heating	m³/min	-			70.0			-	-
Refrigerant type / amount(ship) kg / amount(max) kg			-			R32	2.700	5.975	-	
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			675	1.82	4.03	-	
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			82			-	
	(GROSS)	kg	17			90			-	
	Panel (NET)	kg	-			-			-	
Layers limit (actually)			11(12)			1 (2)			-	
Operation condition	Cool (DBT)		18°C~32°C			-15℃(*8 -20℃)~52℃			-	
	Heat (DBT)		16°C~30°C			-20°C ~ 24°C			-	
Max Working Pressure HP/LP MPa			4.15/2.55						-	
PIPING	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 *9		5 ~ 100 m						-	
	Indoor unit & Outdoor unit height difference m		15 m(OD located lower) / 30 m(OD located higher)						-	
	Add gas amount (20~85) g/m		40 g/m						-	
	Add gas amount (85~100) g/m		25 g/m						-	
	Pipe length for additional gas m		30m						-	

* 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)
*8 It is possible to operate at -20°C only computer rooms with the piping length of 30m or less.
*9 Total piping length is 100m but maximum wiring length is 85m. Piping length maybe limited depending on the wiring length.