

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	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	2.590k	2.590k	2.590k	560	3.10k	
		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			-			-			
	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	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	2.290k	2.290k	2.290k	560	2.95k	
		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			-			-			
	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 /		-			675	1.62	2.23	-	-	-	
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			-	-	-	-	-	-	
Product dimension	Height	mm		302			996			-	-	
	Width	mm		1120			980			-	-	
	Depth	mm		236			370			-	-	
Product dimension (Panel)		H×W×D		-			-			-	-	
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 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			-			-	-	-	
N G	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)