

1-1. Unit Specifications

1-1-2. PZH3

Single - Type

1-1-2-3. Wall Mounted Type S-6010PK3E(60) / U-60PZH3E5

INDOOR			MODEL		S-6010PK3E(60)			-			-			
PANEL			MODEL		-			-			-			
OUTDOOR			MODEL		-			U-60PZH3E5			-			
Branch pipe			MODEL		-			-			-			
Performance test condition					ISO5151 / EN14511 / EN12102 / EN14825									
Power supply			Ø, Hz		1Ø 50Hz			1Ø 50Hz			Min	Max		
			V		220V	230V	240V	220V	230V	240V				
C O O L I N G	Capacity	kW		6.1	6.1	6.1	-	-	-	1.2	7.1			
		BTU/h		20800	20800	20800	-	-	-	4100	24200			
	Current	A		-	-	-	7.40	7.10	6.80	-	-			
		W		-	-	-	-	-	-	-	-			
	Input power	TOTAL W		-	-	-	1.580k	1.580k	1.580k	220	2.35k			
		Annual consumption TOTAL kWh *4		-	-	-	-	790	-	-	-			
	EER/EER CLASS TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.86	3.86 / A	3.86	5.45	3.02				
	ErP *6	Pdesign kW		-	-	-	-	6.1	-	-	-			
		SEER (W/W)		-	-	-	-	7.2	-	-	-			
		Annual consumption kWh		-	-	-	-	297	-	-	-			
		Class		-	-	-	-	A++	-	-	-			
	Power factor		%		-	-	-	97	97	97	-	-		
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		-			65/-			-			-	
H E A T I N G	Capacity	kW		7.0	7.0	7.0	-	-	-	1.2	8.0			
		BTU/h		23900	23900	23900	-	-	-	4100	27300			
	Current	A		-	-	-	7.75	7.40	7.10	-	-			
		W		-	-	-	-	-	-	-	-			
	Input power	TOTAL W		-	-	-	1.670k	1.670k	1.670k	220	2.35k			
		COP/COP CLASS TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.19	4.19 / A	4.19	5.45	3.40			
	ErP *6	Pdesign at -10°C kW		-	-	-	-	4.6	-	-	-			
		Tbivalent °C		-	-	-	-	-10	-	-	-			
		SCOP (W/W)		-	-	-	-	4.8	-	-	-			
		Annual consumption kWh		-	-	-	-	1342	-	-	-			
		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)		-			50/-			-			-
			Power Level dB		-			69/-			-			-
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)				-	-	-	16.4 / 3.25k	16.4 / 3.39k	16.4 / 3.54k	-	-			
Starting current(A) (Cooling/Heating)				-	-	-	7.40 / 7.75	7.10 / 7.40	6.80 / 7.10	-	-			
Comp output(W)				-			0.90k	0.90k	0.90k	-	-			
Time Delay fuse max size(A)				-			25			-	-			
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		-			42.0			-	-			
	Heating	m³/min		-			42.0			-	-			
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			43			-					
		(GROSS) kg	17			47			-					
		Panel (NET) kg	-			-			-					
Layers limit (actually)					11(12)			3(4)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-					
		Heat (DBT)	16°C ~ 30°C			-20°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)