

1-1. Unit Specifications

1-1-2. PZH3

Single - Type

1-1-2-5. 4-Way Cassette 60 × 60 Type S-60PY3E / U-60PZH3E5

INDOOR			MODEL		S-60PY3E			-				
PANEL			MODEL		CZ-KPY4			-				
OUTDOOR			MODEL		-			U-60PZH3E5				
Branch pipe			MODEL		-			-				
Performance test condition					ISO5151 / EN14511 / EN12102 / EN14825							
Power supply			Ø, Hz		1Ø 50Hz			1Ø 50Hz				
			V		220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity	kW		6.0	6.0	6.0	-	-	-	1.2	6.5	
		BTU/h		20500	20500	20500	-	-	-	4100	22200	
	Current	A		-	-	-	8.20	7.85	7.50	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	1.750k	1.750k	1.750k	220	2.35k	
		TOTAL kWh *4		-	-	-	-	875	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.43	3.43 / A	3.43	5.45	2.77	
		Pdesign kW		-	-	-	-	6.0	-	-	-	
	ErP *6	SEER (W/W)		-	-	-	-	6.7	-	-	-	
		Annual consumption kWh		-	-	-	-	314	-	-	-	
Class			-		-	-	A++	-	-	-		
Power factor			%		-	-	-	97	97	-	-	
Noise indoor *7			dB-A (H/M/L)		43/37/31			-			-	-
			Power Level dB		58/52/46			-			-	-
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	7.5	
		BTU/h		23900	23900	23900	-	-	-	4100	25600	
	Current	A		-	-	-	9.55	9.15	8.75	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	2.060k	2.060k	2.060k	220	2.22k	
		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.40	3.40 / C	3.40	5.45	3.38	
	ErP *6	Pdesign at -10°C kW		-	-	-	-	4.6	-	-	-	
		Tbivalent °C		-	-	-	-	-9	-	-	-	
	SCOP	(W/W)		-	-	-	-	4.3	-	-	-	
		Annual consumption kWh		-	-	-	-	1498	-	-	-	
	elbu(-10°C) kW			-		-	-	0.26	-	-	-	
	Class			-		-	-	A+	-	-	-	
	Power factor			%		-	-	-	98	98	98	-
	Noise indoor *7			dB-A (H/M/L)		43/37/31			-			-
Power Level dB				58/52/46			-			-	-	
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)				-			-	-	-	-	-	
Starting current(A) (Cooling/Heating)				-			-	-	-	-	-	
Comp output(W)				-			-	-	-	-	-	
Time Delay fuse max size(A)				-			-	-	-	-	-	
Network Impedance(ΩMAX.)				-			-	-	-	-	-	
Fan motor output (Indoor/Outdoor) W				31			-	40	-	-	-	
Moisture removal volume			L/h	2.8 (2.8 ×1)			-			-	-	
External static pressure			Pa	-			-			-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)		14.0 / 10.5 / 8.0			-			-	-	
	Heating	m³/min (H/M/L)		14.0 / 10.5 / 8.0			-			-	-	
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	-	-	
	Height mm			243			695			-	-	
Product dimension			Width mm			575			875			-
			Depth mm			575			320			-
Product dimension (Panel)			H×W×D mm			30 × 625 × 625			-			-
Packing dimension			Height mm			325			761			-
			Width mm			745			1049			-
			Depth mm			700			460			-
Weight			(NET) kg			15			43			-
			(GROSS) kg			20			47			-
			Panel (NET) kg			2.8			-			-
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 E 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)