

1-1. Unit Specifications

1-1-1. PZ3

Single - Type

1-1-1-5. 4-Way Cassette 60 × 60 Type S-25PY3E / U-25PZ3E5

INDOOR		MODEL	S-25PY3E			-			-
PANEL		MODEL	CZ-KPY4			-			-
OUTDOOR		MODEL	-			U-25PZ3E5			-
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	2.5	2.5	2.5	-	-	-	1.5 3.9
		BTU/h	8500	8500	8500	-	-	-	5100 13300
	Current	A	-	-	-	2.65	2.55	2.45	- -
		W	-	-	-	-	-	-	- -
	Input power	TOTAL W	-	-	-	0.560k	0.560k	0.560k	255 1.10k
		Annual consumption TOTAL kWh *4	-	-	-	-	280	-	- -
	EER/EER CLASS TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.46	4.46 / A	4.46	5.88 3.55
	ErP *6	Pdesign kW	-	-	-	-	2.5	-	- -
		SEER (W/W)	-	-	-	-	6.5	-	- -
		Annual consumption kWh	-	-	-	-	134	-	- -
		Class	-	-	-	-	A++	-	- -
Power factor		%	-	-	-	96	96	96	- - -
Noise indoor *7	dB-A (H/M/L)	31/28/25			-			-	- -
	Power Level dB	46/43/40			-			-	- -
	Noise outdoor	dB-A (H/L)	-			46/-			- -
		Power Level dB	-			64/-			- -
H E A T I N G	Capacity	kW	3.2	3.2	3.2	-	-	-	1.5 4.6
		BTU/h	10900	10900	10900	-	-	-	5100 15700
	Current	A	-	-	-	3.40	3.25	3.10	- -
		W	-	-	-	-	-	-	- -
	Input power	TOTAL W	-	-	-	0.720k	0.720k	0.720k	230 1.35k
		COP/COP CLASS TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.44	4.44 / A	4.44	6.52 3.41
	ErP *6	Pdesign at -10°C kW	-	-	-	-	2.8	-	- -
		Tbivalent °C	-	-	-	-	-10	-	- -
		SCOP (W/W)	-	-	-	-	4.6	-	- -
		Annual consumption kWh	-	-	-	-	850	-	- -
		elbu(-10°C) kW	-	-	-	-	0.00	-	- -
		Class	-	-	-	-	A++	-	- -
	Power factor		%	-	-	-	97	97	97
Noise indoor *7	dB-A (H/M/L)	31/28/25			-			-	- -
	Power Level dB	46/43/40			-			-	- -
	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)			-	-	-	2.65 / 3.40	2.55 / 3.25	2.45 / 3.10	-
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			31			40			-
Moisture removal volume		L/h	0.7 (0.7 ×1)			-			-
External static pressure		Pa	-			-			-
Indoor Air flow *7	Cooling	m³/min (H/M/L)	8.5 / 7.0 / 6.0			-			- -
	Heating	m³/min (H/M/L)	8.5 / 7.0 / 6.0			-			- -
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 / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			675	0.59	0.64	-
Product dimension		Height mm	243			619			-
		Width mm	575			824			-
		Depth mm	575			299			-
Product dimension (Panel)		H×W×D mm	30 × 625 × 625			-			-
Packing dimension		Height mm	325			680			-
		Width mm	745			958			-
		Depth mm	700			416			-
Weight	(NET) kg	15			32			-	
	(GROSS) kg	20			35			-	
	Panel (NET) kg	2.8			-			-	
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 E 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)