

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-5. 4-Way Cassette 60 × 60 Type S-60PY3E / U-60PZ3E5A

INDOOR		MODEL	S-60PY3E			-			-		
PANEL		MODEL	CZ-KPY4			-			-		
OUTDOOR		MODEL	-			U-60PZ3E5A			-		
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	-	-	-	2.0	7.0	
		BTU/h	20500	20500	20500	-	-	-	6800	23900	
	Current	A	-	-	-	8.20	7.85	7.55	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	1.770k	1.770k	1.770k	290	2.53k	
		Annual consumption	TOTAL kWh *4	-	-	-	-	885	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.39	3.39 / A	3.39	6.90	2.77
	ErP *6	Pdesign	kW	-	-	-	-	6.0	-	-	-
		SEER	(W/W)	-	-	-	-	6.8	-	-	-
		Annual consumption	kWh	-	-	-	-	305	-	-	-
		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)	-			47/-			-	-	-	
	Power Level dB	-			64/-			-	-	-	
H E A T I N G	Capacity	kW	6.0	6.0	6.0	-	-	-	1.8	7.0	
		BTU/h	20500	20500	20500	-	-	-	6100	23900	
	Current	A	-	-	-	7.70	7.35	7.05	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	1.660k	1.660k	1.660k	240	2.45k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.61	3.61 / A	3.61	7.50	2.86
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	4.6	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.2	-	-	-
		Annual consumption	kWh	-	-	-	-	1500	-	-	-
		elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-
	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)	-			48/-			-	-	-
		Power Level dB	-			65/-			-	-	-
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)			-	-	-	13.1 / 2.60k	13.1 / 2.65k	13.1 / 2.70k	-	-	
Starting current(A) (Cooling/Heating)			-	-	-	8.20 / 7.70	7.85 / 7.35	7.55 / 7.05	-	-	
Comp output(W)			-			1.70k	1.70k	1.70k	-	-	
Time Delay fuse max size(A)			-			20			-	-	
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	-			42.6			-	-	
	Heating	m³/min	-			41.5			-	-	
Refrigerant type / amount(ship) kg / amount(max) kg			-			R32	1.150	1.300	-	-	
F-Gas	GWP /	-	-			675	0.78	0.88	-	-	
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)	-	-			-	-	-	-	-	
Product dimension		Height mm	243			695			-	-	
		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			42			-	-	-	
	(GROSS) kg	20			46			-	-	-	
	Panel (NET) kg	2.8			-			-	-	-	
Layers limit (actually)			11(12)			3(4)			-	-	
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)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)			(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)