

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-5. 4-Way Cassette 60 × 60 Type S-36PY3E / U-36PZ3E5

INDOOR		MODEL	S-36PY3E			-			-	
PANEL		MODEL	CZ-KPY4			-			-	
OUTDOOR		MODEL	-			U-36PZ3E5			-	
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	3.6	3.6	3.6	-	-	-	1.5 4.0	
		BTU/h	12300	12300	12300	-	-	-	5100 13600	
	Current	A	-	-	-	4.20	4.05	3.85	- -	
	Input power	W	-	-	-	-	-	-	- -	
		TOTAL W	-	-	-	0.910k	0.910k	0.910k	255 1.12k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	455	-	- -	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"--"G")	-	-	-	3.96	3.96 / A	3.96	5.88 3.57	
	ErP *6	Pdesign	kW	-	-	-	-	3.6	-	- -
		SEER	(W/W)	-	-	-	-	6.7	-	- -
		Annual consumption	kWh	-	-	-	-	188	-	- -
	Class		-	-	-	-	A++	-	- -	
	Power factor	%	-	-	-	98	-	98	- -	
Noise indoor *7	dB-A (H/M/L)	34/30/25						-	-	
	Power Level dB	49/45/40						-	-	
Noise outdoor	dB-A (H/L)	-			46/-			-	-	
	Power Level dB	-			64/-			-	-	
H E A T I N G	Capacity	kW	3.6	3.6	3.6	-	-	-	1.5 4.6	
		BTU/h	12300	12300	12300	-	-	-	5100 15700	
	Current	A	-	-	-	3.95	3.75	3.60	- -	
	Input power	W	-	-	-	-	-	-	- -	
		TOTAL W	-	-	-	0.840k	0.840k	0.840k	230 1.36k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"--"G")	-	-	-	4.29	4.29 / A	4.29	6.52 3.38	
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	2.8	-	- -
		Tbivalent	°C	-	-	-	-	-10	-	- -
		SCOP	(W/W)	-	-	-	-	4.3	-	- -
		Annual consumption	kWh	-	-	-	-	912	-	- -
		elbu(-10°C)	kW	-	-	-	-	0.00	-	- -
	Class		-	-	-	-	A+	-	- -	
	Power factor	%	-	-	-	97	-	97	- -	
	Noise indoor *7	dB-A (H/M/L)	34/30/25						-	-
		Power Level dB	49/45/40						-	-
	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)			-	-	-	4.20 / 3.95	4.05 / 3.75	3.85 / 3.60	-	
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	1.5 (1.5 ×1)			-			-	
External static pressure		Pa	-			-			-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	9.5 / 7.5 / 6.0			-			-	
	Heating	m³/min (H/M/L)	9.5 / 7.5 / 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 /		-			675	0.59	0.64	-	
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-							
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 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)