

1-1. Unit Specifications

1-1-2. PZH3

Single - Type

1-1-2-5. 4-Way Cassette 60 × 60 Type S-36PY3E / U-36PZH3E5

INDOOR		MODEL	S-36PY3E			-			-			
PANEL		MODEL	CZ-KPY4			-			-			
OUTDOOR		MODEL	-			U-36PZH3E5			-			
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	-	-	-	1.2	4.0		
		BTU/h	12300	12300	12300	-	-	-	4100	13600		
	Current	A	-	-	-	3.95	3.80	3.60	-	-		
		W	-	-	-	-	-	-	-	-		
	Input power	TOTAL W	-	-	-	0.800k	0.800k	0.800k	220	0.99k		
		TOTAL kWh *4	-	-	-	-	400	-	-	-		
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.50	4.50 / A	4.50	5.45	4.04		
	ErP *6	Pdesign	kW	-	-	-	-	3.6	-	-		
		SEER	(W/W)	-	-	-	-	7.3	-	-		
		Annual consumption	kWh	-	-	-	-	171	-	-		
		Class	-	-	-	-	A++	-	-	-		
	Power factor	%	-	-	-	92	92	92	-	-		
Noise indoor *7	dB-A (H/M/L)	34/30/25					-			-	-	
		Power Level dB					49/45/40			-	-	
	Noise outdoor	dB-A (H/L)	-					43/-			-	-
			Power Level dB					62/-			-	-
H E A T I N G	Capacity	kW	4.0	4.0	4.0	-	-	-	1.2	5.0		
		BTU/h	13600	13600	13600	-	-	-	4100	17100		
	Current	A	-	-	-	4.75	4.55	4.35	-	-		
		W	-	-	-	-	-	-	-	-		
	Input power	TOTAL W	-	-	-	0.970k	0.970k	0.970k	220	1.45k		
		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.12	4.12 / A	4.12	5.45	3.45		
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	3.6	-	-	-	
		Tbivalent	°C	-	-	-	-	-10	-	-	-	
		SCOP	(W/W)	-	-	-	-	4.7	-	-	-	
		Annual consumption	kWh	-	-	-	-	1073	-	-	-	
		elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-	
		Class	-	-	-	-	A++	-	-	-	-	
Power factor	%	-	-	-	93	93	93	-	-			
Noise indoor *7	dB-A (H/M/L)	34/30/25					-			-	-	
		Power Level dB					49/45/40			-	-	
	Noise outdoor	dB-A (H/L)	-					44/-			-	-
			Power Level dB					64/-			-	-
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)			-	-	-	11.0 / 2.20k	11.0 / 2.30k	11.0 / 2.40k	-			
Starting current(A) (Cooling/Heating)			-	-	-	3.95 / 4.75	3.80 / 4.55	3.60 / 4.35	-			
Comp output(W)			-			0.90k	0.90k	0.90k	-			
Time Delay fuse max size(A)			-			20			-			
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	-			34.1			-	-		
	Heating	m³/min	-			36.4			-	-		
Refrigerant type / amount(ship) kg / amount(max) kg			-			R32	1.130	1.280	-			
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			675	0.76	0.86	-			
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			-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)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 ~ 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)