

1-1. Unit Specifications

Single - Type

1-1-2. PZH3

1-1-2-1. 4-Way Cassette Type S-3650PU3E(36) / U-36PZH3E5

INDOOR			MODEL		S-3650PU3E(36)			-			-	
PANEL			MODEL		Standard type : CZ-KPU3 or CZ-KPU3W / ECONAVI type : CZ-KPU3A or CZ-KPU3AW			-			-	
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		-	-	-	3.25	3.10	3.00	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	0.660k	0.660k	0.660k	0.220k	0.870k	
		TOTAL kWh *4		-	-	-	-	330	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	5.45	5.45 / A	5.45	5.45	4.60
	ErP *6	Pdesign		kW		-	-	-	3.6	-	-	-
		SEER		(W/W)		-	-	-	8.9	-	-	-
		Annual consumption		kWh		-	-	-	142	-	-	-
		Class		-		-	-	-	A+++	-	-	-
	Power factor		%		-	-	-	92	92	92	-	-
Noise indoor *7	dB-A (H/M/L)		30/28/27			-			-	-	-	
	Power Level dB		45/43/42			-			-	-	-	
	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		-	-	-	3.60	3.45	3.30	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	0.740k	0.740k	0.740k	0.220k	1.100k	
		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	5.41	5.41 / A	5.41	5.45	4.55	
	ErP *6	Pdesign at -10°C		kW		-	-	-	3.6	-	-	-
		Tbivalent		°C		-	-	-	-10	-	-	-
		SCOP		(W/W)		-	-	-	5.1	-	-	-
		Annual consumption		kWh		-	-	-	988	-	-	-
	elbu(-10°C)	kW		-	-	-	-	0.00	-	-	-	-
		Class		-		-	-	-	A+++	-	-	-
Power factor		%		-	-	-	93	93	93	-	-	
Noise indoor *7	dB-A (H/M/L)		30/28/27			-			-	-	-	
	Power Level dB		45/43/42			-			-	-	-	
	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)				-	-	-	3.25 / 3.60	3.10 / 3.45	3.00 / 3.30	-	-	
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				60			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)		14.5 / 13.0 / 11.5			-			-	-	
	Heating	m³/min (H/M/L)		14.5 / 13.0 / 11.5			-			-	-	
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	256			695			-	-	
		Width mm	840			875			-	-		
		Depth mm	840			320			-	-		
Product dimension (Panel)		H×W×D mm	33.5 × 950 × 950			-			-	-		
Packing dimension			Height mm	302			761			-	-	
			Width mm	898			1049			-	-	
			Depth mm	898			460			-	-	
Weight	(NET)		kg	19			42			-	-	
	(GROSS)		kg	25			46			-	-	
	Panel (NET)		kg	5			-			-	-	
	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)