

1-1. Unit Specifications

Single - Type

1-1-2. PZH3

1-1-2-1. 4-Way Cassette Type S-3650PU3E(50) / U-50PZH3E5

INDOOR		MODEL	S-3650PU3E(50)			-			-		
PANEL		MODEL	Standard type : CZ-KPU3 or CZ-KPU3W / ECONAVI type : CZ-KPU3A or CZ-KPU3AW			-			-		
OUTDOOR		MODEL	-			U-50PZH3E5			-		
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	5.0	5.0	5.0	-	-	-	1.2	5.6	
		BTU/h	17100	17100	17100	-	-	-	4100	19100	
	Current	A	-	-	-	5.50	5.25	5.05	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-			1.160k	1.160k	1.160k	0.220k	1.450k	
		Annual consumption	TOTAL kWh *4	-	-	-	-	580	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"--"G")	-	-	-	4.31	4.31 / A	4.31	5.45	3.86
	ErP *6	Pdesign	kW	-	-	-	-	5.0	-	-	-
		SEER	(W/W)	-	-	-	-	8.6	-	-	-
		Annual consumption	kWh	-	-	-	-	203	-	-	-
		Class		-	-	-	-	A+++	-	-	-
	Power factor		%	-	-	-	96	96	96	-	-
Noise indoor *7	dB-A (H/M/L)	32/29/27							-	-	
	Power Level dB	47/44/42							-	-	
Noise outdoor	dB-A (H/L)	-				46/-			-	-	
	Power Level dB	-				64/-			-	-	
H E A T I N G	Capacity	kW	5.6	5.6	5.6	-	-	-	1.2	6.5	
		BTU/h	19100	19100	19100	-	-	-	4100	22200	
	Current	A	-	-	-	6.25	6.00	5.75	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-			1.320k	1.320k	1.320k	0.220k	1.550k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"--"G")	-	-	-	4.24	4.24 / A	4.24	5.45	4.19
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	4.5	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.9	-	-	-
		Annual consumption	kWh	-	-	-	-	1286	-	-	-
	elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-	-
		Class		-	-	-	-	A++	-	-	-
	Power factor		%	-	-	-	96	96	96	-	-
	Noise indoor *7	dB-A (H/M/L)	32/29/27							-	-
		Power Level dB	47/44/42							-	-
	Noise outdoor	dB-A (H/L)	-				48/-			-	-
		Power Level dB	-				67/-			-	-
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)			-	-	-	12.0 / 2.46k	12.0 / 2.57k	12.0 / 2.68k	-		
Starting current(A) (Cooling/Heating)			-	-	-	5.50 / 6.25	5.25 / 6.00	5.05 / 5.75	-		
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	1.6 (1.6 ×1)			-			-		
External static pressure		Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (H/M/L)	16.5 / 13.5 / 11.5			-			-	-	
	Heating	m³/min (H/M/L)	16.5 / 13.5 / 11.5			-			-	-	
Outdoor Air flow	Cooling	m³/min	-			42.0			-	-	
	Heating	m³/min	-			42.0			-	-	
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)