

1-1. Unit Specifications

Single - Type

1-1-2. PZH3

1-1-2-2. Middle Static Pressure Duct Type S-3650PF3E(50) / U-50PZH3E5

INDOOR			MODEL		S-3650PF3E(50)			-			-	
PANEL			MODEL		-			-			-	
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		-	-	-	6.90	6.60	6.35	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	1.460k	1.460k	1.460k	0.220k	1.800k	
		TOTAL kWh *4		-	-	-	-	730	-	-	-	
	EER/EER CLASS TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.42	3.42 / A	3.42	5.45	3.11		
	ErP *6	Pdesign kW		-	-	-	-	5.0	-	-	-	
		SEER (W/W)		-	-	-	-	6.1	-	-	-	
		Annual consumption kWh		-	-	-	-	287	-	-	-	
		Class		-	-	-	-	A++	-	-	-	
	Power factor		%		-	-	-	96	96	96	-	-
Noise indoor *7	dB-A (H/M/L)		34/30/25			-			-			
	Power Level dB		57/53/48			-			-			
	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		-	-	-	7.35	7.00	6.75	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	1.550k	1.550k	1.550k	0.220k	2.190k	
		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.61	3.61 / A	3.61	5.45	2.97	
	ErP *6	Pdesign at -10°C kW		-	-	-	-	4.0	-	-	-	
		Tbivalent °C		-	-	-	-	-10	-	-	-	
		SCOP (W/W)		-	-	-	-	4.2	-	-	-	
		Annual consumption kWh		-	-	-	-	1333	-	-	-	
	elbu(-10°C)	kW		-	-	-	-	0.00	-	-	-	
		Class		-	-	-	-	A+	-	-	-	
Power factor		%		-	-	-	96	96	96	-	-	
Noise indoor *7	dB-A (H/M/L)		34/30/25			-			-			
	Power Level dB		57/53/48			-			-			
	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)				-	-	-	6.90 / 7.35	6.60 / 7.00	6.35 / 6.75	-	-	
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				-	-	107	40			-	-	
Moisture removal volume			L/h	1.9 (1.9 ×1)			-			-	-	
External static pressure			Pa	30 (MIN10 - MAX150)			-			-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)		16.0 / 15.0 / 12.0			-			-	-	
	Heating	m³/min (H/M/L)		16.0 / 15.0 / 12.0			-			-	-	
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 /			-	-	-	675	0.76	0.86	-	-	
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)			-	-	-	-	-	-	-	-	
Product dimension		Height	mm	250			695			-	-	
		Width	mm	800			875			-	-	
		Depth	mm	730			320			-	-	
Product dimension (Panel)		H×W×D	mm	-			-			-	-	
Packing dimension		Height	mm	805			761			-	-	
		Width	mm	1065			1049			-	-	
		Depth	mm	340			460			-	-	
Weight		(NET)	kg	25			42			-	-	
		(GROSS)	kg	30			46			-	-	
		Panel (NET)	kg	-			-			-	-	
Layers limit (actually)				-	-	3(4)	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 E 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 standard installation (Horizontal installation in the ceiling, rear side air intake)

* 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) Noise of L is indicated by the values at FAN mode