

1-1. Unit Specifications

1-1-2. PZH3

Single - Type

1-1-2-4. Ceiling Type S-3650PT3E(50) / U-50PZH3E5

INDOOR			MODEL		S-3650PT3E(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		-	-	-	5.85	5.60	5.40	-	-	
			W		-	-	-	-	-	-	-	-	
	Input power		TOTAL W		-	-	-	1.240k	1.240k	1.240k	220	1.57k	
			TOTAL kWh *4		-	-	-	-	620	-	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.03	4.03 / A	4.03	5.45	3.57	
	ErP *6	Pdesign		kW		-	-	-	-	5.0	-	-	-
		SEER		(W/W)		-	-	-	-	7.4	-	-	-
		Annual consumption		kWh		-	-	-	-	237	-	-	-
		Class				-	-	-	-	A++	-	-	-
	Power factor			%		-	-	-	96	96	96	-	-
	Noise indoor *7			dB-A (H/M/L)		37/33/28			-			-	-
Power Level dB				55/51/46			-			-	-		
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		-	-	-	6.60	6.30	6.05	-	-	
			W		-	-	-	-	-	-	-	-	
	Input power		TOTAL W		-	-	-	1.390k	1.390k	1.390k	220	1.65k	
			TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.03	4.03 / A	4.03	5.45	3.94	
	ErP *6	Pdesign at -10°C		kW		-	-	-	-	4.0	-	-	-
		Tbivalent		°C		-	-	-	-	-10	-	-	-
		SCOP		(W/W)		-	-	-	-	4.8	-	-	-
		Annual consumption		kWh		-	-	-	-	1167	-	-	-
		elbu(-10°C)		kW		-	-	-	-	0.00	-	-	-
		Class				-	-	-	-	A++	-	-	-
	Power factor			%		-	-	-	96	96	96	-	-
	Noise indoor *7			dB-A (H/M/L)		37/33/28			-			-	-
				Power Level dB		55/51/46			-			-	-
	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)					-	-	-	5.85 / 6.60	5.60 / 6.30	5.40 / 6.05	-		
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					32			40			-		
Moisture removal volume			L/h	2.0 (2.0 ×1)			-			-			
External static pressure			Pa	-			-			-			
Indoor Air flow *7	Cooling	m³/min (H/M/L)		15.0 / 12.5 / 10.5			-			-	-		
	Heating	m³/min (H/M/L)		15.0 / 12.5 / 10.5			-			-	-		
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 /		-			675			0.76	0.86	-		
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			-			-	-	-		
Product dimension		Height	mm	235			695			-			
		Width	mm	960			875			-			
		Depth	mm	690			320			-			
Product dimension (Panel)		H×W×D	mm	-			-			-			
Packing dimension		Height	mm	360			761			-			
		Width	mm	1025			1049			-			
		Depth	mm	820			460			-			
Weight		(NET)	kg	26			42			-			
		(GROSS)	kg	34			46			-			
		Panel (NET)	kg	-			-			-			
Layers limit (actually)					9(10)			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)