

1-1. Unit Specifications

Single - Type

1-1-2. PZH3

1-1-2-3. Wall Mounted Type S-3650PK3E(50) / U-50PZH3E5

INDOOR		MODEL	S-3650PK3E(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	-	-	-	5.60	5.35	5.10	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W				1.180k	1.180k	1.180k	220	1.55k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	590	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.24	4.24 / A	4.24	5.45	3.61	
	ErP *6	Pdesign	kW	-	-	-	-	5.0	-	-	-
		SEER	(W/W)	-	-	-	-	8.0	-	-	-
		Annual consumption	kWh	-	-	-	-	219	-	-	-
		Class		-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	96	96	96	-	-	-
	Noise indoor *7	dB-A (H/M/L)	40/36/32						-	-	-
Power Level dB		56/52/48						-	-	-	
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	-	-	-	6.40	6.10	5.85	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W				1.350k	1.350k	1.350k	220	1.83k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.15	4.15 / A	4.15	5.45	3.55	
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	4.5	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.7	-	-	-
		Annual consumption	kWh	-	-	-	-	1341	-	-	-
		elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-
		Class		-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	96	96	96	-	-	-
	Noise indoor *7	dB-A (H/M/L)	40/36/32						-	-	-
		Power Level dB	56/52/48						-	-	-
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)			-	-	-	5.60 / 6.40	5.35 / 6.10	5.10 / 5.85	-		
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			54			40			-		
Moisture removal volume		L/h	1.8 (1.8 ×1)			-			-		
External static pressure		Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (H/M/L)	16.0 / 13.5 / 11.0			-			-	-	
	Heating	m³/min (H/M/L)	16.0 / 13.5 / 11.0			-			-	-	
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 / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			675	0.76	0.86	-		
Product dimension	Height	mm	302			695			-		
	Width	mm	1120			875			-		
	Depth	mm	236			320			-		
Product dimension (Panel)		H×W×D	-			-			-		
Packing dimension	Height	mm	282			761			-		
	Width	mm	1190			1049			-		
	Depth	mm	378			460			-		
Weight	(NET)	kg	13			42			-		
	(GROSS)	kg	16			46			-		
	Panel (NET)	kg	-			-			-		
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)