

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-3650PK3E(50) / U-50PZ3E5

INDOOR		MODEL	S-3650PK3E(50)						-	-
PANEL		MODEL							-	-
OUTDOOR		MODEL				U-50PZ3E5			-	-
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	-	-	-	1.5	5.6
		BTU/h	17100	17100	17100	-	-	-	5100	19100
	Current	A	-	-	-	6.60	6.30	6.05	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	1.420k	1.420k	1.420k	240	1.85k
		Annual consumption TOTAL kWh *4	-	-	-	-	710	-	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.52	3.52 / A	3.52	6.25	3.03
	ErP *6	Pdesign	kW	-	-	-	-	5.0	-	-
		SEER	(W/W)	-	-	-	-	7.4	-	-
	Annual consumption	kWh	-	-	-	-	237	-	-	-
		Class	-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	98	98	98	-	-
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	5.0	5.0	5.0	-	-	-	1.5	6.4
		BTU/h	17100	17100	17100	-	-	-	5100	21800
	Current	A	-	-	-	5.60	5.35	5.10	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	1.190k	1.190k	1.190k	200	2.02k
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	4.20	4.20 / A	4.20	7.50
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	4.0	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-
	SCOP	(W/W)	-	-	-	-	4.4	-	-	-
		Annual consumption	kWh	-	-	-	-	1273	-	-
	elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-
		Class	-	-	-	-	A+	-	-	-
Power factor	%	-	-	-	97	97	97	-	-	
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 / -			-	-	
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)		-	-	-	10.5 / 2.20k	10.5 / 2.25k	10.5 / 2.30k	-	-	
Starting current(A) (Cooling/Heating)		-	-	-	6.60 / 5.60	6.30 / 5.35	6.05 / 5.10	-	-	
Comp output(W)					1.50k	1.50k	1.50k	-	-	
Time Delay fuse max size(A)					15			-	-	
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				32.7			-	-
	Heating	m³/min				31.9			-	-
Refrigerant type / amount(ship) kg / amount(max) kg					R32	1.140	1.330	-	-	
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)				675	0.77	0.90	-	-	
	Product dimension	Height mm	302			619			-	-
Product dimension (Panel)	Width mm	1120			824			-	-	
	Depth mm	236			299			-	-	
	H×W×D mm							-	-	
Packing dimension	Height mm	282			680			-	-	
	Width mm	1190			958			-	-	
	Depth mm	378			416			-	-	
Weight	(NET) kg	13			35			-	-	
	(GROSS) kg	16			38			-	-	
	Panel (NET) kg							-	-	
Layers limit (actually)		11 (12)			5 (6)			-	-	
Operation condition	Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-	-	
	Heat (DBT)	16°C ~ 30°C			-15°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 ~ 20 m			-	-	
Indoor unit & Outdoor unit height difference m					15 m(OD located lower) / 15 m(OD located higher)			-	-	
Add gas amount g/m					15 g/m			-	-	
Pipe length for additional gas m					7.5 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)