

1-1. Unit Specifications

Single - Type

1-1-2. PZH3

1-1-2-3. Wall Mounted Type S-3650PK3E(36) / U-36PZH3E5

INDOOR			MODEL		S-3650PK3E(36)			-			-		
PANEL			MODEL		-			-			-		
OUTDOOR			MODEL		-			U-36PZH3E5			-		
Branch pipe			MODEL		-			-			-		
Performance test condition					ISO5151 / EN14511 / EN12102 / EN14825								
Power supply			Ø, Hz		1Ø 50Hz			1Ø 50Hz			Min	Max	
			V		220V	230V	240V	220V	230V	240V			
C O O L I N G	Capacity	kW		3.6	3.6	3.6	-	-	-	1.2	4.0		
		BTU/h		12300	12300	12300	-	-	-	4100	13600		
	Current	A		-	-	-	3.60	3.45	3.30	-	-		
		W		-	-	-	-	-	-	-	-		
	Input power	TOTAL W		-	-	-	0.730k	0.730k	0.730k	220	0.89k		
		TOTAL kWh *4		-	-	-	-	365	-	-	-		
	EER/EER CLASS TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.93	4.93 / A	4.93	5.45	4.49			
	ErP *6	Pdesign kW		-	-	-	-	3.6	-	-	-		
		SEER (W/W)		-	-	-	-	8.4	-	-	-		
		Annual consumption kWh		-	-	-	-	150	-	-	-		
		Class		-	-	-	-	A++	-	-	-		
	Power factor		%		-	-	-	92	92	92	-	-	
	Noise indoor *7	dB-A (H/M/L)		35/31/27			-			-	-	-	
Power Level dB		51/47/43			-			-	-	-			
dB-A (H/L)		-			43/-			-	-	-			
Power Level dB		-			62/-			-	-	-			
H E A T I N G	Capacity	kW		4.0	4.0	4.0	-	-	-	1.2	5.0		
		BTU/h		13600	13600	13600	-	-	-	4100	17100		
	Current	A		-	-	-	4.05	3.90	3.70	-	-		
		W		-	-	-	-	-	-	-	-		
	Input power	TOTAL W		-	-	-	0.830k	0.830k	0.830k	220	1.20k		
		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.82	4.82 / A	4.82	5.45	4.17		
	ErP *6	Pdesign at -10°C kW		-	-	-	-	3.6	-	-	-		
		Tbivalent °C		-	-	-	-	-10	-	-	-		
		SCOP (W/W)		-	-	-	-	4.9	-	-	-		
		Annual consumption kWh		-	-	-	-	1029	-	-	-		
	elbu(-10°C)	kW		-	-	-	-	0.00	-	-	-		
		Class		-	-	-	-	A++	-	-	-		
	Power factor		%		-	-	-	93	93	93	-	-	
Noise indoor *7	dB-A (H/M/L)		35/31/27			-			-	-	-		
	Power Level dB		51/47/43			-			-	-	-		
	dB-A (H/L)		-			44/-			-	-	-		
	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)		-			-	-	11.0 / 2.20k	11.0 / 2.30k	11.0 / 2.40k	-	-		
Starting current(A) (Cooling/Heating)		-			-	-	3.60 / 4.05	3.45 / 3.90	3.30 / 3.70	-	-		
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		0.9 (0.9 ×1)			-	-	-	-	-		
External static pressure		Pa		-			-	-	-	-	-		
Indoor Air flow *7	Cooling	m³/min (H/M/L)		13.0 / 11.0 / 9.0			-			-	-		
	Heating	m³/min (H/M/L)		13.0 / 11.0 / 9.0			-			-	-		
Outdoor Air flow	Cooling	m³/min		-			34.1			-	-		
	Heating	m³/min		-			36.4			-	-		
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		302			695			-	-	
		Width	mm		1120			875			-	-	
		Depth	mm		236			320			-	-	
Product dimension (Panel)		H×W×D	mm		-			-			-	-	
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)