

1-1. Unit Specifications

Single - Type

1-1-2. PZH3

1-1-2-2. Middle Static Pressure Duct Type S-3650PF3E(36) / U-36PZH3E5

INDOOR		MODEL	S-3650PF3E(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					
		V	220V	230V	240V	220V	230V	240V	Min	Max	
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	-	-	-	4.20	4.00	3.85	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	0.850k	0.850k	0.850k	0.220k	1.120k	
		Annual consumption	TOTAL kWh *4	-	-	-	-	425	-	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G")	-	-	-	4.24	4.24 / A	4.24	5.45	3.57	
	ErP *6	Pdesign	kW	-	-	-	-	3.6	-	-	-
		SEER	(W/W)	-	-	-	-	6.8	-	-	-
		Annual consumption	kWh	-	-	-	-	185	-	-	-
		Class		-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	92	92	92	-	-	
	Noise indoor *7	dB-A (H/M/L)	30/27/22			-			-	-	
		Power Level dB	53/50/45			-			-	-	
Noise outdoor	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	-	-	-	4.70	4.50	4.30	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	0.960k	0.960k	0.960k	0.220k	1.550k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G")	-	-	-	4.17	4.17 / A	4.17	5.45	3.23
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	3.6	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.5	-	-	-
		Annual consumption	kWh	-	-	-	-	1120	-	-	-
		elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-
		Class		-	-	-	-	A+	-	-	-
	Power factor	%	-	-	-	93	93	93	-	-	
	Noise indoor *7	dB-A (H/M/L)	30/27/22			-			-	-	
		Power Level dB	53/50/45			-			-	-	
	Noise outdoor	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)			-	-	-	4.20 / 4.70	4.00 / 4.50	3.85 / 4.30	-	-	
Comp output(W)			-			0.90k	0.90k	0.90k	-	-	
Time Delay fuse max size(A)			-			20			-	-	
Network Impedance(QMAX.)			-			-			-	-	
Fan motor output (Indoor/Outdoor) W			107			40			-	-	
Moisture removal volume		L/h	0.9 (0.9 ×1)			-			-	-	
External static pressure		Pa	30 (MIN10 - MAX150)			-			-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	14.0 / 13.0 / 10.0			-			-	-	
	Heating	m³/min (H/M/L)	14.0 / 13.0 / 10.0			-			-	-	
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 / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			675	0.76	0.86	-	-	
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 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