

1-1. Unit Specifications

1-1-1. PZ3

Single - Type

1-1-1-2. Middle Static Pressure Duct Type S-3650PF3E(36) / U-36PZ3E5

INDOOR			MODEL		S-3650PF3E(36)			-			-	
PANEL			MODEL		-			-			-	
OUTDOOR			MODEL		-			U-36PZ3E5			-	
Branch pipe			MODEL		-			-			-	
Performance test condition					ISO13253 / 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		3.4	3.4	3.4	-	-	-	1.5	4.0	
		BTU/h		11600	11600	11600	-	-	-	5100	13600	
	Current	A		-	-	-	4.15	4.00	3.85	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-			0.900k	0.900k	0.900k	0.300k	1.140k	
		TOTAL kWh *4		-	-	-	-	450	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.78	3.78 / A	3.78	5.00	3.51
	ErP *6	Pdesign kW		-	-	-	-	3.4	-	-	-	
		SEER (W/W)		-	-	-	-	6.0	-	-	-	
		Annual consumption kWh		-	-	-	-	198	-	-	-	
		Class		-	-	-	-	A+	-	-	-	
	Power factor		%		-	-	-	98	98	98	-	-
Noise indoor *7	dB-A (H/M/L)		30 / 27 / 22			-			-			
	Power Level dB		53 / 50 / 45			-			-			
	dB-A (H/L)		-			46 / -			-			
	Power Level dB		-			64 / -			-			
H E A T I N G	Capacity	kW		3.4	3.4	3.4	-	-	-	1.5	4.6	
		BTU/h		11600	11600	11600	-	-	-	5100	15700	
	Current	A		-	-	-	3.85	3.70	3.50	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-			0.820k	0.820k	0.820k	0.280k	1.310k	
		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.15	4.15 / A	4.15	5.36	3.51	
	ErP *6	Pdesign at -10°C kW		-	-	-	-	2.4	-	-	-	
		Tbivalent °C		-	-	-	-	-10	-	-	-	
		SCOP (W/W)		-	-	-	-	4.0	-	-	-	
		Annual consumption kWh		-	-	-	-	839	-	-	-	
	Noise indoor *7	elbu(-10°C) kW		-	-	-	-	0.00	-	-	-	
		Class		-	-	-	-	A+	-	-	-	
Power factor		%		-	-	-	97	97	97	-		
dB-A (H/M/L)		30 / 27 / 22			-			-				
Power Level dB		53 / 50 / 45			-			-				
Noise outdoor	dB-A (H/L)		-			47 / -			-			
	Power Level dB		-			66 / -			-			
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)					-	-	-	8.90 / 1.95k	8.90 / 1.99k	8.90 / 2.04k	-	
Starting current(A) (Cooling/Heating)					-	-	-	4.15 / 3.85	4.00 / 3.70	3.85 / 3.50	-	
Comp output(W)					-			1.10k	1.10k	1.10k	-	
Time Delay fuse max size(A)					-			15			-	
Network Impedance(ΩMAX.)					-			-			-	
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		-			33.6			-	-	
	Heating	m³/min		-			34.0			-	-	
Refrigerant type / amount(ship) kg / amount(max) kg					-			R32	0.870	0.950	-	
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)			-			675	0.59	0.64	-		
	Product dimension		Height mm	250			619			-		
		Width mm	800			824			-			
		Depth mm	730			299			-			
Product dimension (Panel)		H×W×D mm	-			-			-			
Packing dimension		Height mm	805			680			-			
		Width mm	1065			958			-			
		Depth mm	340			416			-			
Weight	(NET)	kg	25			32			-			
	(GROSS)	kg	30			35			-			
	Panel (NET)	kg	-			-			-			
	Layers limit (actually)					3 (4)			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 ~ 15 m			-			-			
	Indoor unit & Outdoor unit height difference m		15 m(OD located lower) / 15 m(OD located higher)			-			-			
	Add gas amount g/m		10 g/m			-			-			
Pipe length for additional gas m		7.5 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