

1-1. Unit Specifications

1-1-1. PZ3

Single - Type

1-1-1-2. Middle Static Pressure Duct Type S-1014PF3E(100) / U-100PZ3E8

INDOOR			MODEL		S-1014PF3E(100)			-			-		
PANEL			MODEL		-			-			-		
OUTDOOR			MODEL		-			U-100PZ3E8			-		
Branch pipe			MODEL		-			-			-		
Performance test condition					ISO13253 / EN14511 / EN12102 / EN14825								
Power supply			Ø, Hz		1Ø 50Hz			3Ø 50Hz					
			V		220V	230V	240V	380V	400V	415V	Min	Max	
C O O L I N G	Capacity		kW		9.5	9.5	9.5	-	-	-	3.0	11.4	
			BTU/h		32400	32400	32400	-	-	-	10200	38900	
	Current		A		-	-	-	4.45	4.20	4.05	-	-	
			W		-	-	-	-	-	-	-	-	
	Input power		TOTAL W		-	-	-	2.660k	2.660k	2.660k	0.590k	4.840k	
			TOTAL kWh *4		-	-	-	-	1330	-	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.57	3.57 / A	3.57	5.08	2.36	
			Pdesign kW		-	-	-	-	9.5	-	-	-	-
	ErP *6		SEER (W/W)		-	-	-	-	6.5	-	-	-	-
			Annual consumption kWh		-	-	-	-	508	-	-	-	-
			Class		-	-	-	-	A++	-	-	-	-
	Power factor		%		-	-	-	91	91	91	-	-	-
dB-A (H/M/L)			33 / 29 / 25			-			-	-	-		
Noise indoor *7		Power Level dB		56 / 52 / 48			-			-	-	-	
		dB-A (H/L)		-			52 / -			-	-	-	
		Power Level dB		-			70 / -			-	-	-	
		Power Level dB		-			70 / -			-	-	-	
H E A T I N G	Capacity		kW		9.5	9.5	9.5	-	-	-	3.0	13.5	
			BTU/h		32400	32400	32400	-	-	-	10200	46100	
	Current		A		-	-	-	3.85	3.70	3.55	-	-	
			W		-	-	-	-	-	-	-	-	-
	Input power		TOTAL W		-	-	-	2.320k	2.320k	2.320k	0.590k	4.500k	
			TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.09	4.09 / A	4.09	5.08	3.00	
	ErP *6		Pdesign at -10°C kW		-	-	-	-	7.8	-	-	-	
			Tbivalent °C		-	-	-	-	-10	-	-	-	-
			SCOP (W/W)		-	-	-	-	3.9	-	-	-	-
			Annual consumption kWh		-	-	-	-	2795	-	-	-	-
			elbu(-10°C) kW		-	-	-	-	0.00	-	-	-	-
			Class		-	-	-	-	A	-	-	-	-
	Power factor		%		-	-	-	91	91	91	-	-	-
			dB-A (H/M/L)		33 / 29 / 25			-			-	-	-
	Noise indoor *7		Power Level dB		56 / 52 / 48			-			-	-	-
			dB-A (H/L)		-			52 / -			-	-	-
			Power Level dB		-			70 / -			-	-	-
Power Level dB			-			70 / -			-	-	-		
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)					-	-	-	11.9 / 5.99k	11.9 / 6.29k	11.9 / 6.49k	-	-	
Starting current(A) (Cooling/Heating)					-	-	-	4.45 / 3.85	4.20 / 3.70	4.05 / 3.55	-	-	
Comp output(W)					-			2.50k	2.50k	2.50k	-	-	
Time Delay fuse max size(A)					-			15			-	-	
Network Impedance(ΩMAX.)					-			-			-	-	
Fan motor output (Indoor/Outdoor) W					259			120			-	-	
Moisture removal volume			L/h	3.2 (3.2 ×1)			-			-	-	-	
External static pressure			Pa	40 (MIN10 - MAX150)			-			-	-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)		32.0 / 26.0 / 21.0			-			-	-	-	
	Heating	m³/min (H/M/L)		32.0 / 26.0 / 21.0			-			-	-	-	
Outdoor Air flow	Cooling	m³/min		-			73.0			-	-	-	
	Heating	m³/min		-			73.0			-	-	-	
Refrigerant type / amount(ship) kg / amount(max) kg					-			R32	2.400	3.300	-	-	
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)				-			675	1.62	2.23	-	-	
					-			-	-	-	-	-	
Product dimension		Height	mm	250			996			-	-	-	
		Width	mm	1400			980			-	-	-	
		Depth	mm	730			370			-	-	-	
Product dimension (Panel)		H×W×D	mm	-			-			-	-	-	
Packing dimension		Height	mm	805			1134			-	-	-	
		Width	mm	1665			1095			-	-	-	
		Depth	mm	340			529			-	-	-	
Weight		(NET)	kg	39			83			-	-	-	
		(GROSS)	kg	45			91			-	-	-	
		Panel (NET)	kg	-			-			-	-	-	
Layers limit (actually)					3 (4)			2 (3)			-	-	
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)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-	-	-		
	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			-	-	-		
	Connecting method		flared type			flared type			-	-	-		
	Standard length m		5 m			-			-	-	-		
	Pipe length range m		5 ~ 50 m			-			-	-	-		
	Indoor unit & Outdoor unit height difference m		15 m(OD located lower) / 30 m(OD located higher)			-			-	-	-		
	Add gas amount g/m		45 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