

1-1. Unit Specifications

1-1-1. PZ3

Single - Type

1-1-1-2. Middle Static Pressure Duct Type S-6071PF3E(60) / U-60PZ3E5A

INDOOR			MODEL		S-6071PF3E(60)			-			-	
PANEL			MODEL		-			-			-	
OUTDOOR			MODEL		-			U-60PZ3E5A			-	
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		5.7	5.7	5.7	-	-	-	2.0	6.3
			BTU/h		19400	19400	19400	-	-	-	6800	21500
	Current		A		-	-	-	7.45	7.15	6.85	-	-
			W		-	-	-	-	-	-	-	-
	Input power		TOTAL W		-			1.610k	1.610k	1.610k	0.340k	2.400k
			TOTAL kWh *4		-	-	-	-	805	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.54	3.54 / A	3.54	5.88	2.63
	ErP *6	Pdesign	kW		-	-	-	-	5.7	-	-	-
		SEER	(W/W)		-	-	-	-	6.4	-	-	-
		Annual consumption	kWh		-	-	-	-	310	-	-	-
		Class			-	-	-	-	A++	-	-	-
	Power factor		%		-	-	-	98	98	98	-	-
	Noise indoor *7		dB-A (H/M/L)		30 / 26 / 23			-			-	-
Power Level dB			53 / 49 / 46			-			-	-		
Noise outdoor		dB-A (H/L)		-			47 / -			-	-	
		Power Level dB		-			64 / -			-	-	
H E A T I N G	Capacity		kW		5.7	5.7	5.7	-	-	-	1.8	7.0
			BTU/h		19400	19400	19400	-	-	-	6100	23900
	Current		A		-	-	-	6.55	6.25	6.00	-	-
			W		-	-	-	-	-	-	-	-
	Input power		TOTAL W		-			1.410k	1.410k	1.410k	0.290k	2.480k
			TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.04	4.04 / A	4.04	6.21	2.82
	ErP *6	Pdesign at -10°C	kW		-	-	-	-	4.4	-	-	-
		Tbivalent	°C		-	-	-	-	-10	-	-	-
		SCOP	(W/W)		-	-	-	-	4.4	-	-	-
		Annual consumption	kWh		-	-	-	-	1376	-	-	-
		elbu(-10°C)	kW		-	-	-	-	0.00	-	-	-
		Class			-	-	-	-	A+	-	-	-
	Power factor		%		-	-	-	98	98	98	-	-
	Noise indoor *7		dB-A (H/M/L)		30 / 26 / 23			-			-	-
			Power Level dB		53 / 49 / 46			-			-	-
	Noise outdoor		dB-A (H/L)		-			48 / -			-	-
			Power Level dB		-			65 / -			-	-
	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)		-			-	-	13.1 / 2.60k	13.1 / 2.65k	13.1 / 2.70k	-	-	
Starting current(A) (Cooling/Heating)		-			-	-	7.45 / 6.55	7.15 / 6.25	6.85 / 6.00	-	-	
Comp output(W)		-			-	-	1.70k	1.70k	1.70k	-	-	
Time Delay fuse max size(A)		-			-	-	20			-	-	
Network Impedance(ΩMAX.)		-			-	-	-			-	-	
Fan motor output (Indoor/Outdoor) W		-			-	-	40			-	-	
Moisture removal volume		L/h		1.7 (1.7 ×1)			-			-	-	
External static pressure		Pa		30 (MIN10 - MAX150)			-			-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)		21.0 / 19.0 / 15.0			-			-	-	
	Heating	m³/min (H/M/L)		21.0 / 19.0 / 15.0			-			-	-	
Outdoor Air flow	Cooling	m³/min		-			42.6			-	-	
	Heating	m³/min		-			41.5			-	-	
Refrigerant type / amount(ship) kg / amount(max) kg		-			-	-	R32	1.150	1.300	-	-	
F-Gas	GWP /		-			-	675	0.78	0.88	-	-	
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			-	-	-	-	-	-	
Product dimension		Height	mm		250			695			-	-
		Width	mm		1000			875			-	-
		Depth	mm		730			320			-	-
Product dimension (Panel)		H×W×D	mm		-			-			-	-
Packing dimension		Height	mm		805			761			-	-
		Width	mm		1265			1049			-	-
		Depth	mm		340			460			-	-
Weight		(NET)	kg		30			42			-	-
		(GROSS)	kg		36			46			-	-
		Panel (NET)	kg		-			-			-	-
Layers limit (actually)		3 (4)			3 (4)			-			-	-
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)Ø6.35(1/4) (Gas)Ø12.7(1/2)			-			-
	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			*Connect the gas socket tube(Ø15.88-Ø12.7) to the gas tubing side indoor unit *Connect the liquid socket tube(Ø9.52-Ø6.35) to the liquid tubing side indoor unit			-			-
	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