

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-2. Middle Static Pressure Duct Type S-6071PF3E(71) / U-71PZ3E5A

INDOOR		MODEL	S-6071PF3E(71)			-			-		
PANEL		MODEL	-			-			-		
OUTDOOR		MODEL	-			U-71PZ3E5A			-		
Branch pipe		MODEL				-					
Performance test condition			ISO13253 / EN14511 / EN12102 / EN14825								
Power supply			Ø, Hz		1Ø 50Hz						
			V	220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity	kW	6.8	6.8	6.8	-	-	-	2.6	7.7	
		BTU/h	23200	23200	23200	-	-	-	8900	26300	
	Current	A	-	-	-	9.95	9.50	9.10	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-	-	-	2.140k	2.140k	2.140k	0.570k	2.860k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	1070	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"--"G")	-	-	-	3.18	3.18 / B	3.18	4.56	2.69	
	ErP *6	Pdesign	kW	-	-	-	-	6.8	-	-	-
		SEER	(W/W)	-	-	-	-	6.0	-	-	-
		Annual consumption	kWh	-	-	-	-	391	-	-	-
	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	-				66 / -			-	-	
H E A T I N G	Capacity	kW	6.8	6.8	6.8	-	-	-	2.1	8.1	
		BTU/h	23200	23200	23200	-	-	-	7200	27600	
	Current	A	-	-	-	7.90	7.55	7.25	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-	-	-	1.700k	1.700k	1.700k	0.370k	2.670k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"--"G")	-	-	-	4.00	4.00 / A	4.00	5.68	3.03	
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	4.7	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.1	-	-	-
		Annual consumption	kWh	-	-	-	-	1591	-	-	-
	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)	-				49 / -			-	-
		Power Level dB	-				68 / -			-	-
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)			-	-	-	14.8 / 3.02k	14.8 / 3.12k	14.8 / 3.22k	-	-	
Starting current(A) (Cooling/Heating)			-	-	-	9.95 / 7.90	9.50 / 7.55	9.10 / 7.25	-	-	
Comp output(W)			-			2.00k	2.00k	2.00k	-	-	
Time Delay fuse max size(A)			-			20			-	-	
Network Impedance(ΩMAX.)			-			-			-	-	
Fan motor output (Indoor/Outdoor) W			165			40			-	-	
Moisture removal volume		L/h	2.7 (2.7 ×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	-			44.7			-	-	
	Heating	m³/min	-			45.9			-	-	
Refrigerant type / amount(ship) kg / amount(max) kg			-			R32	1.320	1.490	-	-	
F-Gas	GWP /		-			675	0.89	1.01	-	-	
	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			50			-	-	
	(GROSS)	kg	36			54			-	-	
	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)Ø15.88(5/8)			-	-	
	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø15.88(5/8) *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		20 m(OD located lower) / 30 m(OD located higher)			-			-	-	
	Add gas amount g/m		17 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