

1-1. Unit Specifications

Single - Type

1-1-3. PZH4

1-1-3-2. Middle Static Pressure Duct Type S-6071PF3E(71) / U-71PZH4E5

INDOOR		MODEL	S-6071PF3E(71)			-			-		
PANEL		MODEL	-			-			-		
OUTDOOR		MODEL	-			U-71PZH4E5			-		
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	6.8	6.8	6.8	-	-	-	2.2	7.8	
		BTU/h	23200	23200	23200	-	-	-	7500	26600	
	Current	A	0.53	0.52	0.51	9.20	8.80	8.45	-	-	
	Input power	W	79	79	79	-	-	-	-	-	
		TOTAL W	-			1.82k	1.82k	1.82k	390	3.24k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	910	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.74	3.74 / A	3.74	5.64	2.41	
	ErP *6	Pdesign	kW	-	-	-	-	6.8	-	-	-
		SEER	(W/W)	-	-	-	-	7.1	-	-	-
		Annual consumption	kWh	-	-	-	-	332	-	-	-
		Class		-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	90	90	90	-	-	
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/-			-	-		
H E A T I N G	Capacity	kW	7.5	7.5	7.5	-	-	-	2.0	9.0	
		BTU/h	25600	25600	25600	-	-	-	6800	30700	
	Current	A	0.53	0.52	0.51	9.40	9.00	8.60	-	-	
	Input power	W	79	79	79	-	-	-	-	-	
		TOTAL W	-			1.86k	1.86k	1.86k	370	2.85k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.03	4.03 / A	4.03	5.41	3.16	
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	4.7	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.7	-	-	-
		Annual consumption	kWh	-	-	-	-	1393	-	-	-
	elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-	-
		Class		-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	90	90	90	-	-	
	Noise indoor *7	dB-A (H/M/L)	30/26/23			-			-	-	
		Power Level dB	53/49/46			-			-	-	
	Noise outdoor	dB-A (H/L)	-			50/-			-	-	
		Power Level dB	-			67/-			-	-	
LOW TEMP	Total capacity(kW) / Input power(W) / COP					-	-	-	-		
EXTRA LOW TEMP	Total capacity(kW) / Input power(W) / COP					-	6.00	-	-	-	
Max Current(A) / Max Input power(W)			2.19/348	2.19/348	2.19/348	20.4 / 4.07k	20.4 / 4.22k	20.4 / 4.42k	-		
Starting current(A) (Cooling/Heating)			-	-	-	9.20 / 9.40	8.80 / 9.00	8.45 / 8.60	-		
Comp output(W)			-			2.00k	2.00k	2.00k	-		
Time Delay fuse max size(A)			-			25			-		
Network Impedance(ΩMAX.)			-			-			-		
Fan motor output (Indoor/Outdoor) W			165			120			-		
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	-			62.0			-	-	
	Heating	m³/min	-			66.0			-	-	
Refrigerant type / amount(ship) kg / amount(max) kg			-			R32	1.950	2.850	-		
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			675	1.32	1.92	-		
Product dimension		Height mm	250			996			-		
		Width mm	1000			980			-		
		Depth mm	730			370			-		
Product dimension (Panel)		H×W×D mm	-			-			-		
Packing dimension		Height mm	805			1134			-		
		Width mm	1265			1095			-		
		Depth mm	340			529			-		
Weight	(NET) kg	30			66			-			
	(GROSS) kg	36			74			-			
	Panel (NET) kg	-			-			-			
Layers limit (actually)			3(4)			1 (2)			-		
Operation condition	Cool (DBT)	18°C~32°C			-15°C ~ 52°C			-			
	Heat (DBT)	16°C~30°C			-20°C ~ 24°C			-			
Max Working Pressure HP/LP MPa			4.15/2.55						-		
P I P E	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 ~ 60 m						-		
	Indoor unit & Outdoor unit height difference m		15 m(OD located lower) / 30 m(OD located higher)						-		
	Add gas amount (20~85) g/m		30 g/m						-		
	Add gas amount (85~100) g/m		- g/m						-		
Pipe length for additional gas m		30m						-			

* 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