

1-1. Unit Specifications

Single - Type

1-1-3. PZH4

1-1-3-2. Middle Static Pressure Duct Type S-6071PF3E(71) / U-71PZH4E8

INDOOR			MODEL		S-6071PF3E(71)			-			-		
PANEL			MODEL		-			-			-		
OUTDOOR			MODEL		-			U-71PZH4E8			-		
Branch pipe			MODEL		-			-			-		
Performance test condition					ISO5151 / 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		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	3.05	2.90	2.80	-	-	
			W		79	79	79	-	-	-	-	-	
	Input power		TOTAL W					1.82k	1.82k	1.82k	390	3.24k	
			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	3.15	3.00	2.90	-	-	
			W		79	79	79	-	-	-	-	-	
	Input power		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
	ErP *6	Pdesign at -10°C		kW		-	-	-	-	4.7	-	-	-
		Tbivalent		°C		-	-	-	-	-10	-	-	-
		SCOP		(W/W)		-	-	-	-	4.7	-	-	-
		Annual consumption		kWh		-	-	-	-	1394	-	-	-
		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	6.90 / 4.17k	6.90 / 4.32k	6.90 / 4.47k	-	-		
Starting current(A) (Cooling/Heating)			-	-	-	-	3.05 / 3.15	2.90 / 3.00	2.80 / 2.90	-	-		
Comp output(W)			-				2.00k	2.00k	2.00k	-	-		
Time Delay fuse max size(A)			-				15			-	-		
Network Impedance(QMAX.)			-				-			-	-		
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