

1-1. Unit Specifications

Single - Type

1-1-3. PZH4

1-1-3-4. Ceiling Type S-6071PT3E(71) / U-71PZH4E5

INDOOR			MODEL		S-6071PT3E(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	9.0	
			BTU/h		23200	23200	23200	-	-	-	7500	30700	
	Current		A		0.45	0.44	0.43	8.80	8.40	8.05	-	-	
			W		55	55	55	-	-	-	-	-	
	Input power		TOTAL W		-			1.74k	1.74k	1.74k	380	3.35k	
			TOTAL kWh *4		-	-	-	-	870	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.91	3.91 / A	3.91	5.79	2.69	
	ErP *6	Pdesign		kW		-	-	-	-	6.8	-	-	-
		SEER		(W/W)		-	-	-	-	7.3	-	-	-
		Annual consumption		kWh		-	-	-	-	326	-	-	-
		Class		-		-	-	-	-	A++	-	-	-
	Power factor			%		-	-	-	90	90	90	-	-
	Noise indoor *7			dB-A (H/M/L)		39/35/30			-			-	-
				Power Level dB		57/53/48			-			-	-
Noise outdoor			dB-A (H/L)		-			48/-			-	-	
			Power Level dB		-			65/-			-	-	
H E A T I N G	Capacity		kW		8.0	8.0	8.0	-	-	-	2.0	9.0	
			BTU/h		27300	27300	27300	-	-	-	6800	30700	
	Current		A		0.45	0.44	0.43	10.2	9.75	9.35	-	-	
			W		55	55	55	-	-	-	-	-	
	Input power		TOTAL W		-			2.02k	2.02k	2.02k	360	2.85k	
			COP/COP CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	3.96	3.96 / A	3.96	5.56	3.16
	ErP *6	Pdesign at -10°C		kW		-	-	-	-	4.7	-	-	-
		Tbivalent		°C		-	-	-	-	-10	-	-	-
		SCOP		(W/W)		-	-	-	-	4.7	-	-	-
		Annual consumption		kWh		-	-	-	-	1400	-	-	-
		elbu(-10°C)		kW		-	-	-	-	0.00	-	-	-
		Class		-		-	-	-	-	A++	-	-	-
	Power factor			%		-	-	-	90	90	90	-	-
	Noise indoor *7			dB-A (H/M/L)		39/35/30			-			-	-
				Power Level dB		57/53/48			-			-	-
	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)			0.71/95		0.68/95	0.65/95	20.4 / 4.07k	20.4 / 4.22k	20.4 / 4.42k	-	-		
Starting current(A) (Cooling/Heating)			-		-	-	8.80 / 10.2	8.40 / 9.75	8.05 / 9.35	-	-		
Comp output(W)			-		-	-	2.00k	2.00k	2.00k	-	-		
Time Delay fuse max size(A)			-		-	-	25			-	-		
Network Impedance(QMAX.)			-		-	-	-			-	-		
Fan motor output (Indoor/Outdoor) W			-		74	-	120			-	-		
Moisture removal volume			L/h		2.7 (2.7×1)			-			-	-	
External static pressure			Pa		-			-			-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	21.0 / 18.0 / 15.5			-			-	-	-		
	Heating	m³/min (H/M/L)	21.0 / 18.0 / 15.5			-			-	-	-		
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 /		-		-	-	675	1.32	1.92	-	-		
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-		-	-	-	-	-	-	-		
Product dimension		Height mm	235			996			-	-	-		
		Width mm	1275			980			-	-	-		
		Depth mm	690			370			-	-	-		
Product dimension (Panel)		H×W×D mm	-			-			-	-	-		
Packing dimension		Height mm	360			1134			-	-	-		
		Width mm	1340			1095			-	-	-		
		Depth mm	820			529			-	-	-		
Weight		(NET) kg	34			66			-	-	-		
		(GROSS) kg	42			74			-	-	-		
		Panel (NET) kg	-			-			-	-	-		
Layers limit (actually)			9(10)		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 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 ~ 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 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)