

1-1. Unit Specifications

Single - Type

1-1-3. PZH4

1-1-3-4. Ceiling Type S-6071PT3E(71) / U-71PZH4E8

INDOOR			MODEL		S-6071PT3E(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	9.0	
			BTU/h		23200	23200	23200	-	-	-	7500	30700	
	Current		A		0.45	0.44	0.43	2.95	2.80	2.70	-	-	
	Input power		W		55	55	55	-	-	-	-	-	
			TOTAL W		-			1.74k	1.74k	1.74k	380	3.35k	
	Annual consumption		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)		-	-	-	-	7.2	-	-	-	
		Annual consumption	kWh		-	-	-	-	331	-	-	-	
		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	3.40	3.25	3.10	-	-	
	Input power		W		55	55	55	-	-	-	-	-	
			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	6.90 / 4.17k	6.90 / 4.32k	6.90 / 4.47k	-			
Starting current(A) (Cooling/Heating)				-	-	-	2.95 / 3.40	2.80 / 3.25	2.70 / 3.10	-			
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				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)