

1-1. Unit Specifications

Single - Type

1-1-2. PZH3

1-1-2-4. Ceiling Type S-6071PT3E(60) / U-60PZH3E5

INDOOR		MODEL	S-6071PT3E(60)			-			-		
PANEL		MODEL	-			-			-		
OUTDOOR		MODEL	-			U-60PZH3E5			-		
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	6.0	6.0	6.0	-	-	-	1.2	7.1	
		BTU/h	20500	20500	20500	-	-	-	4100	24200	
	Current	A	-	-	-	7.35	7.05	6.75	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	1.570k	1.570k	1.570k	220	2.35k	
		Annual consumption	TOTAL kWh *4	-	-	-	-	785	-	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.82	3.82 / A	3.82	5.45	3.02	
	ErP *6	Pdesign	kW	-	-	-	-	6.0	-	-	-
		SEER	(W/W)	-	-	-	-	7.5	-	-	-
		Annual consumption	kWh	-	-	-	-	280	-	-	-
		Class		-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	97	97	97	-	-	
	Noise indoor *7	dB-A (H/M/L)	38/34/29			-			-	-	
		Power Level dB	56/52/47			-			-	-	
Noise outdoor	dB-A (H/L)	-			47/-			-	-		
	Power Level dB	-			65/-			-	-		
H E A T I N G	Capacity	kW	7.0	7.0	7.0	-	-	-	1.2	8.0	
		BTU/h	23900	23900	23900	-	-	-	4100	27300	
	Current	A	-	-	-	7.85	7.50	7.20	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	1.690k	1.690k	1.690k	220	2.35k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.14	4.14 / A	4.14	5.45	3.40
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	4.6	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.8	-	-	-
		Annual consumption	kWh	-	-	-	-	1342	-	-	-
	elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-	-
		Class		-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	98	98	98	-	-	
	Noise indoor *7	dB-A (H/M/L)	38/34/29			-			-	-	
		Power Level dB	56/52/47			-			-	-	
	Noise outdoor	dB-A (H/L)	-			50/-			-	-	
		Power Level dB	-			69/-			-	-	
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)			-	-	-	16.4 / 3.25k	16.4 / 3.39k	16.4 / 3.54k	-	-	
Starting current(A) (Cooling/Heating)			-	-	-	7.35 / 7.85	7.05 / 7.50	6.75 / 7.20	-	-	
Comp output(W)			-			0.90k	0.90k	0.90k	-	-	
Time Delay fuse max size(A)			-			25			-	-	
Network Impedance(ΩMAX.)			-			-			-	-	
Fan motor output (Indoor/Outdoor) W			74			40			-	-	
Moisture removal volume		L/h	2.1 (2.1 ×1)			-			-	-	
External static pressure		Pa	-			-			-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	20.0 / 17.0 / 14.5			-			-	-	
	Heating	m³/min (H/M/L)	20.0 / 17.0 / 14.5			-			-	-	
Outdoor Air flow	Cooling	m³/min	-			42.0			-	-	
	Heating	m³/min	-			42.0			-	-	
Refrigerant type / amount(ship) kg / amount(max) kg			-			R32	1.150	1.300	-	-	
F-Gas	GWP /		-			675	0.78	0.88	-	-	
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-			-	-	-	-	-	
Product dimension	Height	mm	235			695			-	-	
	Width	mm	1275			875			-	-	
	Depth	mm	690			320			-	-	
Product dimension (Panel)		H×W×D mm	-			-			-	-	
Packing dimension	Height	mm	360			761			-	-	
	Width	mm	1340			1049			-	-	
	Depth	mm	820			460			-	-	
Weight	(NET)	kg	34			43			-	-	
	(GROSS)	kg	42			47			-	-	
	Panel (NET)	kg	-			-			-	-	
Layers limit (actually)			9(10)			3(4)			-	-	
Operation condition	Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°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)Ø6.35(1/4) (Gas)Ø12.7(1/2)			-	-	
	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)						-	-	
			*Connect the gas socket tube(Ø12.7-Ø15.88) to the gas tubing side indoor unit						-	-	
			*Connect the liquid socket tube(Ø6.35-Ø9.52) 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		15 m(OD located lower) / 30 m(OD located higher)						-	-	
Add gas amount g/m			15 g/m						-	-	
Pipe length for additional gas m			30 m						-	-	

* 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)