

1-1. Unit Specifications

1-1-1. PZ3

Single - Type

1-1-1-4. Ceiling Type S-6071PT3E(60) / U-60PZ3E5A

INDOOR			MODEL		S-6071PT3E(60)			-			-	
PANEL			MODEL		-			-			-	
OUTDOOR			MODEL		-			U-60PZ3E5A			-	
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	-	-	-	2.0	7.1	
		BTU/h		20500	20500	20500	-	-	-	6800	24200	
	Current	A		-	-	-	7.75	7.40	7.10	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	1.670k	1.670k	1.670k	290	2.45k	
		TOTAL kWh *4		-	-	-	-	835	-	-	-	
	EER/EER CLASS TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.59	3.59 / A	3.59	6.90	2.90		
	ErP *6	Pdesign kW		-	-	-	-	6.0	-	-	-	
		SEER (W/W)		-	-	-	-	7.3	-	-	-	
		Annual consumption kWh		-	-	-	-	288	-	-	-	
		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)		-			47 / -			-	-	
		Power Level dB		-			64 / -			-	-	
H E A T I N G	Capacity	kW		6.0	6.0	6.0	-	-	-	1.8	7.0	
		BTU/h		20500	20500	20500	-	-	-	6100	23900	
	Current	A		-	-	-	6.75	6.50	6.20	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	1.460k	1.460k	1.460k	270	2.40k	
		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.11	4.11 / A	4.11	6.67	2.92	
	ErP *6	Pdesign at -10°C kW		-	-	-	-	4.6	-	-	-	
		Tbivalent °C		-	-	-	-	-10	-	-	-	
		SCOP (W/W)		-	-	-	-	4.6	-	-	-	
		Annual consumption kWh		-	-	-	-	1399	-	-	-	
	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)		-			48 / -			-	-	
		Power Level dB		-			65 / -			-	-	
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)				-	-	-	13.1 / 2.60k	13.1 / 2.65k	13.1 / 2.70k	-	-	
Starting current(A) (Cooling/Heating)				-	-	-	7.75 / 6.75	7.40 / 6.50	7.10 / 6.20	-	-	
Comp output(W)				-	-	-	1.70k	1.70k	1.70k	-	-	
Time Delay fuse max size(A)				-	-	-	-	20	-	-	-	
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		-			42.6			-	-	
	Heating	m³/min		-			41.5			-	-	
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			42			-		
	(GROSS)	kg		42			46			-		
	Panel (NET)	kg		-			-			-		
Layers limit (actually)				9 (10)			3 (4)			-		
Operation condition	Cool (DBT)		18°C ~ 32°C			-10°C ~ 43°C			-			
	Heat (DBT)		16°C ~ 30°C			-15°C ~ 24°C			-			
Max Working Pressure HP/LP MPa				4.15 / 2.55						-		
P I P E 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)						-			
	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)