

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-4. Ceiling Type S-6071PT3E(71) / U-71PZ3E5A

INDOOR			MODEL		S-6071PT3E(71)									
PANEL			MODEL		-						-			
OUTDOOR			MODEL		-			U-71PZ3E5A			-			
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	-	-	-	2.6	7.7		
			BTU/h		23200	23200	23200	-	-	-	8900	26300		
	Current		A		-	-	-	9.75	9.30	8.95	-	-		
			W		-	-	-	-	-	-	-	-		
	Input power		TOTAL W					2.100k	2.100k	2.100k	530	2.80k		
			TOTAL kWh *4		-	-	-	-	1050	-	-	-		
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.24	3.24 / A	3.24	4.91	2.75		
	ErP *6	Pdesign		kW		-	-	-	-	6.8	-	-	-	
		SEER		(W/W)		-	-	-	-	5.9	-	-	-	
		Annual consumption		kWh		-	-	-	-	404	-	-	-	
		Class				-	-	-	-	A+	-	-	-	
	Power factor			%		-	-	-	98	98	98	-	-	
	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		-			66 / -			-	-		
H E A T I N G	Capacity		kW		6.8	6.8	6.8	-	-	-	2.1	8.1		
			BTU/h		23200	23200	23200	-	-	-	7200	27600		
	Current		A		-	-	-	7.50	7.20	6.90	-	-		
			W		-	-	-	-	-	-	-	-		
	Input power		TOTAL W					1.620k	1.620k	1.620k	370	2.65k		
			TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.20	4.20 / A	4.20	5.68	3.06		
	ErP *6	Pdesign at -10°C		kW		-	-	-	-	4.7	-	-	-	
		Tbivalent		°C		-	-	-	-	-10	-	-	-	
		SCOP		(W/W)		-	-	-	-	4.3	-	-	-	
		Annual consumption		kWh		-	-	-	-	1529	-	-	-	
		elbu(-10°C)		kW		-	-	-	-	0.00	-	-	-	
	Class					-	-	-	-	A+	-	-	-	
	Power factor			%		-	-	-	98	98	98	-	-	
	Noise indoor *7			dB-A (H/M/L)		39 / 35 / 30			-			-	-	
				Power Level dB		57 / 53 / 48			-			-	-	
	Noise outdoor			dB-A (H/L)		-			49 / -			-	-	
				Power Level dB		-			68 / -			-	-	
	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)			-		-	-	14.8 / 3.02k	14.8 / 3.12k	14.8 / 3.22k	-				
Starting current(A) (Cooling/Heating)			-		-	-	9.75 / 7.50	9.30 / 7.20	8.95 / 6.90	-				
Comp output(W)			-				2.00k	2.00k	2.00k	-				
Time Delay fuse max size(A)			-				20			-				
Network Impedance(QMAX.)			-				-			-				
Fan motor output (Indoor/Outdoor) W			74				40			-				
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		-			44.7			-				
	Heating	m³/min		-			45.9			-				
Refrigerant type / amount(ship) kg / amount(max) kg			-				R32	1.320	1.490	-				
F-Gas	GWP /		-				675	0.89	1.01	-				
	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			50			-			
	(GROSS)		kg		42			54			-			
	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 I N G	Pipe port diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)				(Liquid)Ø6.35(1/4) (Gas)Ø15.88(5/8)				-			
	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø15.88(5/8)				*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		20 m(OD located lower) / 30 m(OD located higher)								-			
	Add gas amount g/m		17 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)