

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-6010PK3E(71) / U-71PZ3E5A

INDOOR		MODEL	S-6010PK3E(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	7.1	7.1	7.1	-	-	-	2.6	7.7	
		BTU/h	24200	24200	24200	-	-	-	8900	26300	
	Current	A	-	-	-	10.4	10.0	9.55	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-			2.250k	2.250k	2.250k	520	2.78k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	1125	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.16	3.16 / B	3.16	5.00	2.77	
	ErP *6	Pdesign	kW	-	-	-	-	7.1	-	-	-
		SEER	(W/W)	-	-	-	-	5.8	-	-	-
		Annual consumption	kWh	-	-	-	-	429	-	-	-
		Class		-	-	-	-	A+	-	-	-
	Power factor	%	-	-	-	98	98	98	-	-	
Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40			-			-	-		
	Power Level dB	63 / 60 / 56			-			-	-		
Noise outdoor	dB-A (H/L)	-			48 / -			-	-		
	Power Level dB	-			66 / -			-	-		
H E A T I N G	Capacity	kW	7.1	7.1	7.1	-	-	-	2.1	8.1	
		BTU/h	24200	24200	24200	-	-	-	7200	27600	
	Current	A	-	-	-	7.80	7.45	7.15	-	-	
	Input power	W	-	-	-	-	-	-	-	-	
		TOTAL W	-			1.680k	1.680k	1.680k	330	2.40k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.23	4.23 / A	4.23	6.36	3.38	
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	5.2	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.4	-	-	-
		Annual consumption	kWh	-	-	-	-	1653	-	-	-
		elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-
	Class		-	-	-	-	A+	-	-	-	
	Power factor	%	-	-	-	98	98	98	-	-	
	Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40			-			-	-	
		Power Level dB	63 / 60 / 56			-			-	-	
	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)		-	-	-	10.4 / 7.80	10.0 / 7.45	9.55 / 7.15	-			
Comp output(W)		-			2.00k	2.00k	2.00k	-			
Time Delay fuse max size(A)		-			20			-			
Network Impedance(ΩMAX.)		-						-			
Fan motor output (Indoor/Outdoor) W		54			40			-			
Moisture removal volume		L/h	3.0 (3.0 × 1)			-			-		
External static pressure		Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (H/M/L)	20.0 / 17.5 / 14.5			-			-	-	
	Heating	m³/min (H/M/L)	20.0 / 17.5 / 14.5			-			-	-	
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	GWEP /	-			675	0.89	1.01	-			
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)	-									
Product dimension		Height mm	302			695			-		
		Width mm	1120			875			-		
		Depth mm	236			320			-		
Product dimension (Panel)		H×W×D mm	-			-			-		
Packing dimension		Height mm	282			761			-		
		Width mm	1190			1049			-		
		Depth mm	378			460			-		
Weight		(NET) kg	14			50			-		
		(GROSS) kg	17			54			-		
		Panel (NET) kg	-			-			-		
Layers limit (actually)		11 (12)			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 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)			-			-		
	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)