

INDOOR		MODEL		S-5010PK4E(50)								
PANEL		POS (EAN)		5025232978489								
		MODEL										
OUTDOOR		MODEL								U-50PZ3E5		
		POS (EAN)								5025232899340		
Branch pipe		MODEL										
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825								
Power supply		Ø, Hz		1Ø 50Hz			1Ø 50Hz					
COOLING	Capacity	V		220V	230V	240V	220V	230V	240V	Min	Max	
		kW		5.0	5.0	5.0	-	-	-	1.5	5.6	
		BTU/h		17100	17100	17100	-	-	-	5100	19100	
		Sensible	kW	3.9	3.9	3.9	-	-	-	-	-	
	Latent	kW	1.1	1.1	1.1	-	-	-	-	-		
	Current	A		0.35	0.34	0.33	6.80	6.50	6.25	-	-	
	Input power	W		34	34	34	-	-	-	-	-	
	Annual consumption	TOTAL W			-	-	1.47k	1.47k	1.47k	240	1.85k	
		TOTAL kWh *4			-	-	-	735	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ (*A~*G*)		-	-	-	3.40	3.40 / A	3.40	6.25	3.03	
	ErP *6	Pdesign	kW	-	-	-	-	5.0	-	-	-	
		SEER	(W/W)	-	-	-	-	7.2	-	-	-	
		Annual consumption	kWh	-	-	-	-	243	-	-	-	
		Class		-	-	-	-	A++	-	-	-	
	Power factor	%		-	-	-	98	98	98	-	-	
Noise indoor *7	dB-A (H/M/L)		41/36/31						-	-		
	Power Level dB		57/52/47						-	-		
Noise outdoor	dB-A (H/L)					46/-			-	-		
	Power Level dB					64/-			-	-		
HEATING	Capacity	kW		5.0	5.0	5.0	-	-	-	1.5	6.4	
		BTU/h		17100	17100	17100	-	-	-	5100	21800	
	Current	A		0.35	0.34	0.33	5.60	5.35	5.10	-	-	
	Input power	W		34	34	34	-	-	-	-	-	
	COP/COP CLASS	TOTAL W			-	-	1.19k	1.19k	1.19k	200	2.02k	
		TOTAL (W/W) *5/ (*A~*G*)		-	-	-	4.20	4.20 / A	4.20	7.50	3.17	
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	4.0	-	-	-	
		Tbivalent	°C	-	-	-	-	-10	-	-	-	
		SCOP	(W/W)	-	-	-	-	4.4	-	-	-	
		Annual consumption	kWh	-	-	-	-	1271	-	-	-	
	elbu (-10°C)	kW		-	-	-	-	-	-	-	-	
	Power factor	%		-	-	-	97	97	97	-	-	
	Noise indoor *7	dB-A (H/M/L)		41/36/31						-	-	
		Power Level dB		57/52/47						-	-	
	Noise outdoor	dB-A (H/L)					46/-			-	-	
Power Level dB					64/-			-	-			
LOW TEMP	Total capacity(kW)											
EXTRA LOW TEMP	Total capacity(kW) *2					4.40						
Max Current (A) / Max Input power (W)		0.35/34		0.34/34		0.33/34		10.5 / 2.20k	10.5 / 2.25k	10.5 / 2.30k	-	
Starting current (A) (Cooling/Heating)								6.80 / 5.60	6.50 / 5.35	6.25 / 5.10	-	
Comp output (W)								1.50k	1.50k	1.50k	-	
Time Delay fuse max size (A)								15		-	-	
Network Impedance (ΩMAX.)										-	-	
Fan motor output (Indoor/Outdoor) W				30				40		-	-	
Moisture removal volume		L/h		1.6		(1.6 ×1)				-	-	
External static pressure		Pa								-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)		17.0 / 15.5 / 12.0						-	-	
	Heating	m³/min (H/M/L)		17.0 / 15.5 / 12.0						-	-	
	Cooling	m³/min						32.7		-	-	
	Heating	m³/min						31.9		-	-	
Refrigerant type / amount (ship) kg/ amount (max) kg						R32		1.140	1.330			
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)						675	0.77	0.90			
Product dimension	Height	mm	295				619				-	
	Width	mm	1060				824				-	
	Depth	mm	249				299				-	
Product dimension (Panel)	H × W × D	mm									-	
Packing dimension	Height	mm	314				680				-	
	Width	mm	1168				958				-	
	Depth	mm	383				416				-	
Mass	(NET)	kg	14				35				-	
	(GROSS)	kg	16				38				-	
	Panel (NET)	kg									-	
Layers limit (actually)				11(12)				5(6)				
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						
Max Allowable Pressure MPa						4.55						
PIPING	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 ~ 20 m								
	Indoor unit & Outdoor unit height difference m			15 m (OD located lower) / 15 m (OD located higher)								
	Add gas amount g/m			15 g/m								
Pipe length for additional gas m			7.5 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)