

INDOOR		MODEL	S-5010PK4E (71_STD)									
		POS (EAN)	5025232978489									
PANEL		MODEL										
		MODEL										
OUTDOOR		MODEL				U-71PZ3E5A						
		POS (EAN)				5025232920891						
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		
COOLING	Capacity	kW	6.9	6.9	6.9	-	-	-	2.6	7.7		
		BTU/h	23500	23500	23500	-	-	-	8900	26300		
		Sensible	kW	5.3	5.3	5.3	-	-	-	-	-	
				Latent	kW	1.6	1.6	1.6	-	-	-	-
	Current		A	0.67	0.65	0.63	9.75	9.30	8.95	-	-	
	Input power		W	65	65	65	-	-	-	-	-	
	Annual consumption		TOTAL W				2.10k	2.10k	2.10k	520	2.78k	
			TOTAL kWh *4				-	1050	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")				3.29	3.29 / A	3.29	5.00	2.77	
	ErP *6	Pdesign	kW	-	-	-	-	6.9	-	-	-	
			SEER (W/W)	-	-	-	-	6.0	-	-	-	
			Annual consumption kWh	-	-	-	-	402	-	-	-	
			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/-			-	-	
	HEATING	Capacity	kW	7.1	7.1	7.1	-	-	-	2.1	8.1	
			BTU/h	24200	24200	24200	-	-	-	7200	27600	
Current		A	0.67	0.65	0.63	8.00	7.70	7.35	-	-		
Input power		W	65	65	65	-	-	-	-	-		
COP/COP CLASS		TOTAL W				1.73k	1.73k	1.73k	330	2.40k		
		TOTAL (W/W) *5/ ("A"~"G")				4.10	4.10 / A	4.10	6.36	3.38		
ErP *6		Pdesign at -10°C	kW	-	-	-	-	5.2	-	-	-	
			Tbivalent °C	-	-	-	-	-10	-	-	-	
			SCOP (W/W)	-	-	-	-	4.4	-	-	-	
			Annual consumption kWh	-	-	-	-	1654	-	-	-	
ErP *6		elbu (-10°C)	kW	-	-	-	-	-	-	-	-	
			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)										
EXTRA LOW TEMP	Total capacity(kW) *2					5.80						
Max Current (A) / Max Input power (W)			0.67/65	0.65/65	0.63/65	14.8 / 3.02k	14.8 / 3.12k	14.8 / 3.22k				
Starting current (A) (Cooling/Heating)			-	-	-	9.75 / 8.00	9.30 / 7.70	8.95 / 7.35				
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			30			40						
Moisture removal volume			L/h	(2.2 ×1)								
External static pressure			Pa									
Indoor Air flow *7	Cooling	m³/min (H/M/L)	21.0 / 19.0 / 16.5						-	-		
		Heating	m³/min (H/M/L)	21.0 / 19.0 / 16.5						-	-	
	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 / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)					675	0.89	1.01				
Product dimension	Height	mm	295			695						
	Width	mm	1060			875						
	Depth	mm	249			320						
Product dimension (Panel)		H×W×D										
Packing dimension	Height	mm	314			761						
	Width	mm	1168			1049						
	Depth	mm	383			460						
	(NET)	kg	14			50						
Mass	(GROSS)	kg	16			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									
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) Ø15.88 (5/8)						
	Pipe diameter mm (inch)		(Liquid) Ø6.35 (1/4) (Gas) Ø15.88 (5/8)									
			-									
	Connecting method		*Connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit									
	Standard length m		flared type			flared type						
	Pipe length range m		5 m									
	Indoor unit & Outdoor unit height difference m		3 ~ 40 m									
	Add gas amount g/m		20 m (OD located lower) / 30 m (OD located higher)									
Pipe length for additional gas m		17 g/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)