

INDOOR		MODEL		S-2545PK4E (36)								
PANEL		POS (EAN)		5025232978472								
		MODEL										
OUTDOOR		MODEL					U-36PZ3E5					
		POS (EAN)					5025232899333					
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		3.5	3.5	3.5	-	-	-	1.3	4.0	
		BTU/h		11900	11900	11900	-	-	-	4400	13600	
		Sensible	kW	2.8	2.8	2.8	-	-	-	-	-	
				Latent	kW	0.7	0.7	0.7	-	-	-	-
	Current	A		0.34	0.33	0.32	4.15	4.00	3.85	-	-	
	Input power	W		33	33	33	-	-	-	-	-	
		TOTAL W		-	-	-	0.900k	0.900k	0.900k	260	1.07k	
	Annual consumption	TOTAL kWh *4		-	-	-	-	450	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.89	3.89 / A	3.89	5.00	3.74	
	ErP *6	Pdesign	kW	-	-	-	-	3.5	-	-	-	
		SEER	(W/W)	-	-	-	-	6.8	-	-	-	
		Annual consumption	kWh	-	-	-	-	181	-	-	-	
		Class	-	-	-	-	A++	-	-	-	-	
	Power factor	%		-	-	-	98	98	98	-	-	
	Noise indoor *7	dB-A (H/M/L)		41/36/30						-	-	
		Power Level dB		57/52/46						-	-	
	Noise outdoor	dB-A (H/L)					46/-			-	-	
		Power Level dB					64/-			-	-	
HEATING	Capacity	kW		3.6	3.6	3.6	-	-	-	1.3	4.6	
		BTU/h		12300	12300	12300	-	-	-	4400	15700	
	Current	A		0.34	0.33	0.32	4.10	3.95	3.80	-	-	
	Input power	W		33	33	33	-	-	-	-	-	
		TOTAL W		-	-	-	0.880k	0.880k	0.880k	230	1.30k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.09	4.09 / A	4.09	5.65	3.54	
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	2.6	-	-	-	
		Tbivalent	°C	-	-	-	-	-10	-	-	-	
		SCOP	(W/W)	-	-	-	-	4.4	-	-	-	
		Annual consumption	kWh	-	-	-	-	827	-	-	-	
	elbu (-10°C)	kW	-	-	-	-	-	-	-	-	-	
	Class	-	-	-	-	-	A+	-	-	-	-	
	Power factor	%		-	-	-	97	97	97	-	-	
	Noise indoor *7	dB-A (H/M/L)		41/36/30						-	-	
		Power Level dB		57/52/46						-	-	
	Noise outdoor	dB-A (H/L)					47/-			-	-	
		Power Level dB					66/-			-	-	
	LOW TEMP	Total capacity (kW)										
EXTRA LOW TEMP	Total capacity (kW) *2						2.90					
Max Current (A) / Max Input power (W)				0.34/33	0.33/33	0.32/33	8.90 / 1.95k	8.90 / 1.99k	8.90 / 2.04k			
Starting current (A) (Cooling/Heating)				-	-	-	4.15 / 4.10	4.00 / 3.95	3.85 / 3.80			
Comp output (W)				-	-	-	1.10k	1.10k	1.10k			
Time Delay fuse max size (A)				-	-	-	15					
Network Impedance (ΩMAX)				-	-	-						
Fan motor output (Indoor/Outdoor) W				-	30	-	40					
Moisture removal volume				L/h	1.0	(1.0 ×1)						
External static pressure				Pa	-	-						
Indoor Air flow *7	Cooling	m³/min (H/M/L)		11.5 / 9.5 / 7.0						-	-	
	Heating	m³/min (H/M/L)		11.5 / 9.5 / 7.0						-	-	
	Cooling	m³/min					33.6			-	-	
	Heating	m³/min					34.0			-	-	
Refrigerant type / amount (ship) kg/ amount (max) kg							R32	0.870	0.950			
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)						675	0.59	0.64			
Product dimension	Height	mm	290			619						
	Width	mm	765			824						
	Depth	mm	214			299						
Product dimension (Panel)	H × W × D	mm										
Packing dimension	Height	mm	260			680						
	Width	mm	847			958						
	Depth	mm	364			416						
Mass	(NET)	kg	9			32						
	(GROSS)	kg	10			35						
	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) Ø6.35 (1/4) (Gas) Ø12.7 (1/2)			(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 ~ 15 m										
	Indoor unit & Outdoor unit height difference m	15 m(OD located lower) / 15 m(OD located higher)										
	Add gas amount g/m	10 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)