

INDOOR		MODEL		S-2545PK4E (36)									
PANEL		POS (EAN)		5025232978472									
		MODEL											
OUTDOOR		MODEL					U-36PZH3E5						
		POS (EAN)					5025232915507						
Branch pipe		MODEL											
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825									
COOLING		Power supply		Ø, Hz		1Ø 50Hz			1Ø 50Hz				
				V		220V	230V	240V	220V	230V	240V	Min	Max
		Capacity		kW		3.5	3.5	3.5	-	-	-	1.2	4.0
				BTU/h		11900	11900	11900	-	-	-	4100	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	3.90	3.75	3.60	-	-	
		Input power		W		33	33	33	-	-	-	-	-
				TOTAL W		-	-	-	0.790k	0.790k	0.790k	220	0.96k
		Annual consumption		TOTAL kWh *4		-	-	-	-	395	-	-	-
		EER/EER CLASS		TOTAL (W/W) *5/ ('A'~'G')		-	-	-	4.43	4.43 / A	4.43	5.45	4.17
		ErP *6	Pdesign		kW		-	-	-	-	3.5	-	-
			SEER		(W/W)		-	-	-	-	7.7	-	-
			Annual consumption		kWh		-	-	-	-	160	-	-
			Class				-	-	-	-	A++	-	-
			Power factor		%		-	-	-	92	92	92	-
Noise indoor *7		dB-A (H/M/L)		41/36/30									
		Power Level dB		57/52/46									
Noise outdoor		dB-A (H/L)					43/-						
		Power Level dB					62/-						
HEATING		Capacity		kW		4.0	4.0	4.0	-	-	-	1.2	5.0
				BTU/h		13600	13600	13600	-	-	-	4100	17100
		Current		A	0.34	0.33	0.32	4.60	4.40	4.20	-	-	
		Input power		W		33	33	33	-	-	-	-	-
				TOTAL W		-	-	-	0.940k	0.940k	0.940k	220	1.50k
		COP/COP CLASS		TOTAL (W/W) *5/ ('A'~'G')		-	-	-	4.26	4.26 / A	4.26	5.45	3.33
		ErP *6	Pdesign at -10°C		kW		-	-	-	-	3.1	-	-
			Tbivalent		°C		-	-	-	-	-10	-	-
			SCOP		(W/W)		-	-	-	-	4.7	-	-
			Annual consumption		kWh		-	-	-	-	924	-	-
			elbu (-10°C)		kW		-	-	-	-	-	-	-
		Class				-	-	-	-	A++	-	-	
		Power factor		%		-	-	-	93	93	93	-	-
		Noise indoor *7		dB-A (H/M/L)		41/36/30							
				Power Level dB		57/52/46							
		Noise outdoor		dB-A (H/L)					44/-				
Power Level dB							64/-						
LOW TEMP	Total capacity (kW)												
EXTRA LOW TEMP	Total capacity (kW) *2												
Max Current (A) / Max Input power (W)				0.34/33	0.33/33	0.32/33	11.0 / 2.20k	11.0 / 2.30k	11.0 / 2.40k				
Starting current(A) (Cooling/Heating)				-	-	-	3.90 / 4.60	3.75 / 4.40	3.60 / 4.20				
Comp output (W)				-	-	-	0.90k	0.90k	0.90k				
Time Delay fuse max size (A)				-	-	-	20						
Network Impedance (QMAX.)				-	-	-							
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										
Outdoor Air flow	Cooling	m³/min				34.1							
	Heating	m³/min				36.4							
Refrigerant type / amount (ship) kg / amount (max) kg							R32	1.130	1.280				
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)					675	0.76	0.86					
Product dimension		Height mm	290			695							
		Width mm	765			875							
		Depth mm	214			320							
Product dimension (Panel)		H × W × D mm											
Packing dimension		Height mm	260			761							
		Width mm	847			1049							
		Depth mm	364			460							
Mass		(NET) kg	9			42							
		(GROSS) kg	10			46							
		Panel (NET) kg											
Layers limit (actually)				11(12)			3(4)						
Operation condition		Cool (DBT)	18°C~32°C			-15°C ~46°C							
		Heat (DBT)	16°C~30°C			-20°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 ~ 40 m										
	Indoor unit & Outdoor unit height difference m		15 m (OD located lower) / 30 m (OD located higher)										
	Add gas amount g/m		15 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)