

Specifications

WindFree™ 4-Way 600 x 600 Cassette HEE R32

- 2-Step Cooling: Fast Cooling & WindFree™ Cooling.
- Four-way air supply via independently adjustable blades.
- Blade angle between 32° and 75°; blade width 66 mm.
- Built-in humidity sensor.
- Built-in condensation drain pump (750 mmH₂O).

- Operation range from -25°C until 52°C
- Single Wi-Fi kit (optional)
- 100% heating capacity at -15°C
- Base heater as standard
- Inverter PBA self-diagnosis



Indoor Unit		AC026BNNPKG/EU	AC035BNNPKG/EU	AC052BNNPKG/EU	
Outdoor Unit - Mono-Phase		AC026BXAPKG/EU	AC035BXAPKG/EU	AC052BXAPKG/EU	
Outdoor Unit - Tri-Phase		AC026BXAPKG/EU	AC035BXAPKG/EU	AC052BXAPKG/EU	
Capacity					
Cooling (Min/Nominal/Max)	kW	110/2.60/4.40	110/3.50/5.50	130/5.00/6.80	
Heating @ +7 °C (Min/Nominal/Max)	kW	0.92/3.40/4.90	0.94/4.00/5.70	0.94/5.50/9.30	
Heating @ -5 °C	kW	4.25	5.0	6.49	
Heating @ -15 °C	kW	3.6	4.0	5.5	
Performance					
Energy Efficiency Cooling	SEER ¹	7.1 A++	7.2 A++	7.0 A++	
	Power Consumption	kWh/a	128	170	250
	Pdesignc	kW	2.6	3.5	5
	EER	W/W	3.94	3.8	3.62
Energy Efficiency Heating	SCOP ¹	4.3 A+	4.3 A+	4.3 A+	
	Power Consumption	kWh/a	684	749	1320
	Pdesignh (average)	kW	2.1	2.3	4
	COP ¹	W/W	4.0	3.81	3.67
Airflow Rate	Indoor Unit (H/M/L)	m ³ /min	8.0 / 7.0 / 6.0	9.2 / 8.0 / 6.4	
Sound Power	Indoor Unit	dB(A)	48	50	56
	Outdoor Unit	dB(A)	59	61	62
Sound Pressure	Indoor Unit (H/M/L)	dB(A)	31/28/25	34/30/25	39/34/29
	Outdoor Unit (H/L)	dB(A)	47/46	46/46	48/48
Fan/Outdoor Unit	Type		BLDC	BLDC	
	Power	W	125	125	125
	Number of Fans	-	1	1	1
Operating Temperature Range	Cooling	°C	-20-52	-20-52	-20-52
	Heating	°C	-25.0-24.0	-25.0-24.0	-25.0-24.0
Electrical Data					
Power Source	Indoor Unit	Φ, V, Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz
	Outdoor Unit Mono-Phase	Φ, V, Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz
	Outdoor Unit Tri-Phase	Φ, V, Hz	-	-	-
Compressor Type	Outdoor Unit	Type	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Power (Min/Nominal/Max)	Cooling	kW	0.23/0.66/1.45	0.23/0.92/2.00	0.26/1.38/2.40
	Heating	kW	0.19/0.85/2.55	0.20/1.05/2.70	0.23/1.50/5.40
Current Input	Cooling (Min/Std/Max)	A	1.5/3.2/6.4	1.5/4.3/8.9	1.7/6.3/10.5
	Heating (Min/Std/Max)	A	1.2/4.0/11.2	1.3/4.9/11.9	1.5/6.8/15.1
	Cooling - Tri-Phase (Min/Std/Max)	A	-	-	-
	Heating - Tri-Phase (Min/Std/Max)	A	-	-	-
Dimensions					
Net Dimensions (W x H x D)	Indoor Unit	mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
	Outdoor Unit	mm	880 x 638 x 310	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	11.6	11.6	11.6
	Outdoor Unit	kg	43	43	50



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Outdoor Unit - Tri-Phase		AC026BXAPKG/EU	AC035BXAPKG/EU	AC052BXAPKG/EU
Refrigerant				
Refrigerant	Type	R32 (contains fluorinated greenhouse gases. GWP = 675)		
	Factory Charging	kg	1.2/20 m	1.2/20 m
	Additional Refrigerant Charging	kg	0.81	0.81
	Additional Refrigerant Charging	g/m	30	30
Piping Connections	Liquid Pipe	ø, Inch	1/4	1/4
	Gas Pipe	ø, Inch	3/8	3/8
Piping Length	Min/Max	m	5/30	5/30
	Max	m	20	20
Piping Connections	Drain Pipe	ø, mm	VP 25 (OD32, ID25)	VP 25 (OD32, ID25)
Others				
Panel	Model Code		PC4SUFMAN	PC4SUFMAN
	Net Dimensions (W x H x D)	mm	620 x 46 x 620	620 x 46 x 620
	Net Weight	kg	2.7	2.7
Accessories	Drain Pump		Included	Included
	Max. Lifting Height/Displacement	mm / litres/h	750/24	750/24

Accessories

Wireless Remote Controller	Simple Type Controller	Touch Controller	Advanced Wired Controller	Touch Centralised Controller	DMS 2.5
AR-EH04E	MWR-SH00N	MWR-SH11N	MWR-WG00JN/MWR-WG00KN	MCM-A300N	MIM-D01AN
BACnet/Lonworks/PM	ON/OFF Controller	Wi-Fi Kit	Single Wifi-Kit	External Thermostat	Motion Detect Sensor
MIM-B17BN/B18BN/B16N	MCM-A202DN	MIM-H104EN	MIM-H14EN	MRW-1A	MCR-SMD
Panel (Mandatory)					
PC4SUFMAN					

¹ Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2010, on a scale from D to A+++.

Dimensional drawings

WindFree™ 4-Way 600 x 600 Cassette HEE R32

AC026/035/052BNPKG/EU

