

Specifications

WindFree™ 4-Way 600 x 600 Cassette

- Fast Cooling mode and WindFree™ Cooling mode.
- Four-way air supply via independently adjustable blades.
- Built-in condensation drain pump and humidity sensor.
- Direct drive fan powered by a BLDC motor.
- Compatible with Wi-Fi Kit controller.
- Optional Motion Detect Sensor.
- Optional SPI Kit.



Model				AM015NNNDEH/EU	AM022NNNDEH/EU	AM028NNNDEH/EU
Power Supply		Φ, #, V, Hz		1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz
Performance	Capacity	Cooling	kW	1.5	2.2	2.8
		Heating	kW	1.7	2.5	3.2
Power	Power Input	Cooling	W	18	18	18
		Heating	W	18	18	18
	Current Input	Cooling	A	0.17	0.17	0.17
		Heating	A	0.17	0.17	0.17
Current	MCA	A	0.2	0.2	0.2	
	MFA	A	15	15	15	
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan
	Number of Fans	ea		1	1	1
	Airflow Rate	H/M/L	m ³ /min		8.2/7.0/6.3	9.0/7.7/6.5
		l/s		137/117/105	150/128/108	167/142/125
Fan Motor	Model		-	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n	W		65 x 1	65 x 1	65 x 1
Piping Connections	Liquid Pipe	ø, mm		6.35	6.35	6.35
		ø, inch		1/4	1/4	1/4
	Gas Pipe	ø, mm		12.7	12.7	12.7
		ø, inch		1/2	1/2	1/2
Drain Pipe	ø, mm		VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
Wiring Connections	Communication	Min.	mm ²	0.75	0.75	0.75
		Remark		-	F1, F2	F1, F2
Refrigerant	Type			R410A(Fluorinated greenhouse gas, GWP=2,088)		
	Electronic Expansion Valve			EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure ¹	H/M/L	dB(A)	30.0/28.0/23.0	32.0/29.0/25.0	33.0/30.0/26.0
		Cooling	dB(A)	46	47	50
Dimensions	Net Weight	kg		12.0	12.0	12.0
	Net Dimensions (W × H × D)	mm		575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
Panel	Model Name			PC4SUFMAN	PC4SUFMAN	PC4SUFMAN
Drain Pump	Drain Pump			INCLUDED	INCLUDED	INCLUDED
	Max. Lifting Height/Displacement	mm / litres/h		750/24	750/24	750/24

AM036NNNDEH/EU	AM045NNNDEH/EU	AM056NNNDEH/EU	AM060NNNDEH/EU
1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz
3.6	4.5	5.6	6.0
4.0	5.0	6.3	6.8
20	23	28	31
20	23	28	31
0.19	0.22	0.27	0.30
0.19	0.22	0.27	0.30
0.2	0.3	0.4	0.4
15	15	15	15
Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
1	1	1	1
10.5/9.5/8.0	11.5/10.2/9.0	13.0/11.0/9.5	13.5/12.0/10.2
175/158/133	192/170/150	217/183/158	225/200/170
BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
65 x 1	65 x 1	65 x 1	65 x 1
6.35	6.35	6.35	6.35
1/4	1/4	1/4	1/4
12.7	12.7	12.7	12.7
1/2	1/2	1/2	1/2
VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
0.75	0.75	0.75	0.75
F1, F2	F1, F2	F1, F2	F1, F2
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
34.0/30.0/26.0	36.0/34.0/32.0	39.0/36.0/33.0	40.0/38.0/35.0
51	53	56	57
12.0	12.0	12.0	12.0
575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
PC4SUFMAN	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN
INCLUDED	INCLUDED	INCLUDED	INCLUDED
750/24	750/24	750/24	750/24

Accessories

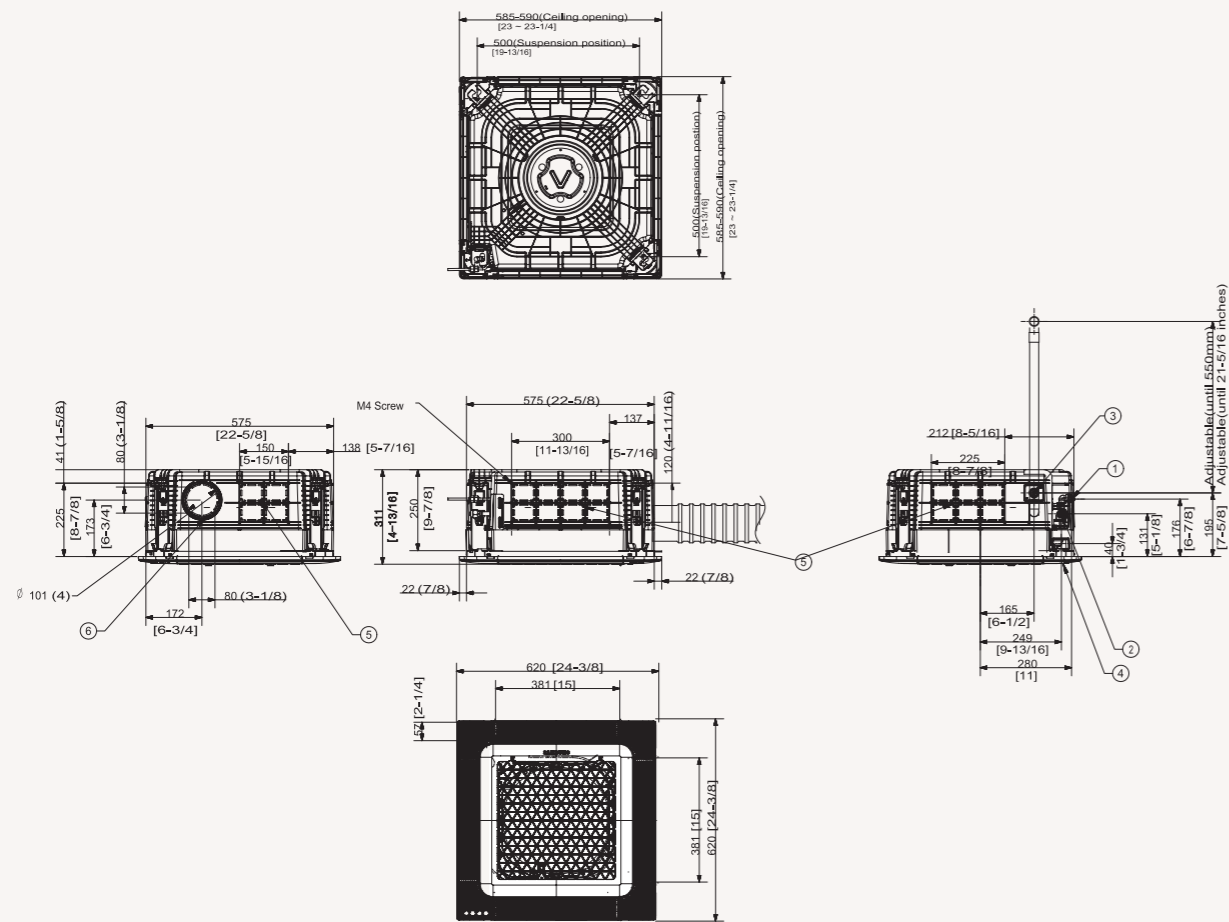
Wireless Remote Controller	Simple Type Controller	Touch Controller	Wired Remote Controller	Wi-Fi Kit	External Room Sensor
AR-EH03E	MWR-SH00N	MWR-SH11N	MWR-WG00*N	MIM-H04EN	MRW-TA
Panel (Mandatory)	Motion Detect Sensor	SPI Kit			
PC4SUFMAN	MCR-SMD	MSD-CAN1			

¹ Sound pressure level is obtained in an anechoic room. Sound pressure level is a relative value, depending on the distance and acoustic environment. Sound pressure level may differ depending on operation conditions.

Technical Drawings

WindFree™ 4-Way 600 x 600 Cassette

AM***NNNDEH/EU



NO	Name	Description
1	Liquid pipe connection	ø6.35 (1/4)
2	Gas pipe connection	ø12.70 (1/2)
3	Drain pipe connection	VP25 (OD 32, ID 25)
4	Power supply/communication wiring conduits	Use M4 Screw
5	Fresh air intake knock-out hole	ø10 [4], use M4 Screw

Note: As for suspension bolt, please use M8-M10. (Procured at local site)

