



Energy efficiency class A++/ A+/ A
 SCOP up to 4.2 / SEER up to 7.2
 Low GWP refrigerant R32

Cooling down to -15°C ambient temperature
 Heating down to -22°C ambient temperature



OUTDOOR UNITS DATA

Model			AMS-80R32	AMS-100R32	AMS-120R32
Capacity	Cooling	kW	8.0 (2.3-11.0)	10.6 (2.6-12.0)	12.1 (2.6-15.2)
	Heating	kW	9.5 (2.8-10.3)	12.0 (3.0-14.0)	13.0 (3.0-15.5)
Input Power	Cooling	kW	2.12	3.00	3.58
	Heating	kW	2.20	2.88	3.70
Fuse current		A	25	30	30
EER/COP			3.77/4.32	3.53/3.95	3.56/4.08
SEER/SCOP			7.20/4.20	7.20/4.00	7.20/4.20
Energy Class (Cooling / Heating)			A++/A+	A++/A	A++/A+
Power Supply			220-240V/1N/50Hz		
Sound pressure level		dB(A)	58	60	60
Sound power level		dB(A)	68	70	74
Refrigerant charge		kg	1.80	2.1	2.25
No additional refrigerant charge		m	40	40	50
Additional refrigerant charge		g/m	20	20	20
Connection pipe	Liquid pipe	mm	4x Φ 6.00	4x Φ 6.00	5x Φ 6.00
	Gas pipe	mm	4x Φ 9.52	4x Φ 9.52	5x Φ 9.52
Refrigerant Pipe	Total Length	m	70	80	100
	Max. Length	m	20	25	25
	Max. Height	m	15	25	25
Dimension (WxDxH)	Outline	mm	964x402x660	1020x427x826	
	Package	mm	1032x456x737	1093x497x885	
Net/Gross weight		kg	51.0/55.5	72.0/79.0	73.0/80.0

The ODU operation temperature range is -15-43°C in cooling and -22-24°C in heating.
 The data is measured under following conditions: Cooling: Indoor temp. 27°C DB and outdoor temp. 35°C DB
 Heating: Indoor temp. of 20°C DB and outdoor temp. of 7°C DB, 6°C WB.
 Sound pressure level was measured at a distance 1 m.

CASSETTE TYPE INDOOR UNITS

360° Surrounding Airflow
 DC quiet condensate pump, lifting up to 1100mm
 Wireles controller YAP1F7



Indoor unit model			AMS-27CC	AMS-35CC	AMS-50CC	AMS-70C
Capacity	Cooling	kW	2.8	3.5	5.0	7.0
	Heating	kW	2.8	4.0	5.5	8.0
Air flow (SH/H/M/L)		m ³ /h	560/540/450/380	560/540/450/380	650/540/450/380	1100/1050/910/830
Power input		W	30	30	35	50
Sound pressure level (SH/H/M/L)		dB(A)	41/39/34/29	41/39/34/30	43/39/34/30	46/45/43/41
Connection pipe	Liquid pipe	mm	Φ 6.35			
	Gas pipe	mm	Φ 9.52		Φ 12.7	Φ 15.9
Condensate pipe		mm	Φ 25			
Dimension (WxDxH) Indoor unit	Outline	mm	570x570x265			840x840x240
	Package	mm	695x650x280			963x963x325
	Net/Gross weight	kg	17/22			29/36
Dimension (WxDxH) Panel	Outline	mm	620x620x47.5			950x950x52
	Package	mm	701x701x125			1033x1038x112
	Net/Gross weight	kg	3/4			6/9.5

Sound pressure level was measured at a distance 1.4 m.

WALL MOUNTED INDOOR UNITS

I Feel function
 +8°C temperature function
 Wireles controller YAP1F7



Indoor unit model			AMS-21WM	AMS-27WM	AMS-35WM	AMS-50WM	AMS-70WM
Capacity	Cooling	kW	2.2	2.7	3.5	5.3	7.1
	Heating	kW	2.5	3.0	3.8	5.6	7.8
Air flow (SH/H/M/L/SL)		m ³ /h	500/470/390/ 270/250	610/530/440/ 310/280	650/580/440/ 330/310	1000/960/810/ 640/600	1250/1100/950/ 850/800
Power input		W	20	20	20	45	60
Sound pressure level (SH/H/M/L/SL)		dB(A)	38/36/32/25/24	39/36/31/24/22	43/39/34/28/25	47/45/41/30/28	48/44/40/37/35
Connection pipe	Liquid pipe	mm	Φ 6.35				
	Gas pipe	mm	Φ 9.52		Φ 12.7	Φ 15.9	
Condensate pipe		mm	Φ 25				
Dimension (WxDxH) Indoor unit	Outline	mm	735x190x260	867x206x276	867x206x276	978x248x333	1116x248x333
	Package	mm	785x263x332	925x275x350	925x275x350	1038x329x406	1180x338x415
	Net/Gross weight	kg	7.5/9	9/11	9/11	13.5/16	15.5/18.5

Sound pressure level was measured at a distance 1.4 m.

Control system lineup

STANDARD
 Wireless controller
 YAP1F7



OPTIONAL
 Wired controller
 XE7A-24/H

Wired controller
 with WiFi connection
 XE7A-24/H

