



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-50R32	AMS-70R32	AMS-80R32	AMS-100R32	AMS-120R32
Capacity	Cooling	kW	5.3 (2.1-5.8)	7.1 (2.3-9.2)	8.0 (2.3-11.0)	10.6 (2.6-12.0)	12.1 (2.6-15.2)
	Heating	kW	5.8 (2.6-6.5)	8.6 (2.8-9.2)	9.5 (2.8-10.3)	12.0 (3.0-14.0)	13.0 (3.0-15.5)
Input Power	Cooling	kW	1.48	1.88	2.12	3.00	3.58
	Heating	kW	1.25	2.23	2.20	2.88	3.70
Fuse current		A	25	25	25	30	30
EER/COP			3.58/4.52	3.78/3.86	3.77/4.32	3.53/3.95	3.56/4.08
SEER/SCOP			7.20/4.20	7.10/4.30	7.20/4.20	7.20/4.00	7.20/4.20
Energy Class (Cooling / Heating)			A++/A+				
Power Supply			220-240V/1N/50Hz				
Sound pressure level		dB(A)	54	58	58	60	60
Sound power level		dB(A)	64	68	68	70	74
Refrigerant charge		kg	0.90	1.70	1.80	2.1	2.25
No additional refrigerant charge		m	10	30	40	40	50
Additional refrigerant charge		g/m	20	20	20	20	20
Connection pipe	Liquid pipe	mm	2x Ø 6.00	3x Ø 6.00	4x Ø 6.00	4x Ø 6.00	5x Ø 6.00
	Gas pipe	mm	2x Ø 9.52	3x Ø 9.52	4x Ø 9.52	4x Ø 9.52	5x Ø 9.52
Refrigerant Pipe	Total Length	m	40	60	70	80	100
	Max. Length	m	20			25	25
	Max. Height	m	15			25	25
Dimension (WxDxH)	Outline	mm	822x352x550	964x402x660		1020x427x826	
	Package	mm	872x398x620	1032x456x737		1093x497x885	
Net/Gross weight		kg	32.0/34.5	47.5/52.0	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.

Control system lineup

STANDARD
Wireless controller
YAP1F7



OPTIONAL
Wired controlle with
weekly calendar and
Modbus connection
XK76



CASSETTE TYPE INDOOR UNITS

360° Surrounding Airflow
DC quiet condensate pump, lifting up to 1100mm
Wireless 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)		m³/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
Wireless 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)		m³/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)	Outline	mm	735x190x260	867x206x276	867x206x276	978x248x333	1116x248x333
Indoor unit	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.

DUCT TYPE INDOOR UNITS

DC quiet condensate pump
+8°C temperature function
Wired controller XE73-44/E



Indoor unit model			AMS-27LD	AMS-35LD	AMS-50LD	AMS-70LD
Capacity	Cooling	kW	2.7	3.5	5.0	7.0
	Heating	kW	2.8	4.0	5.5	8.0
Air flow (SH/H/M/L)		m³/h	670/610/550	560/480/410	840/790/750	1200/1000/900
Power input		W	50		75	80
Outlet static pressure		Pa	25-60		25-60	25-125
Power Supply			220-240V/1N/50Hz			
Sound pressure level (SH/H/M/L)		dB(A)	39/37/35	37/35/33	39/38/37	40/38/36
Connection pipe	Liquid pipe	mm	Φ 6.35			
	Gas pipe	mm	Φ 9.52		Φ 12.7	Φ 15.9
Condensate pipe outer diameter		mm	Φ 26			
Dimension (WxDxH) Indoor unit	Outline	mm	710x450x200		1010x450x200	900x655x260
	Package	mm	1008x568x275		1308x568x275	1115x772x320
	Net/Gross weight	kg	19/23		25/30	31/36

Sound pressure level was measured at a distance 1.4 m.