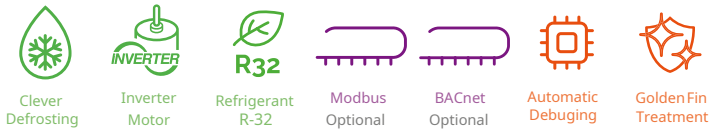




AMV9 MINI

AMV OUTDOOR UNITS

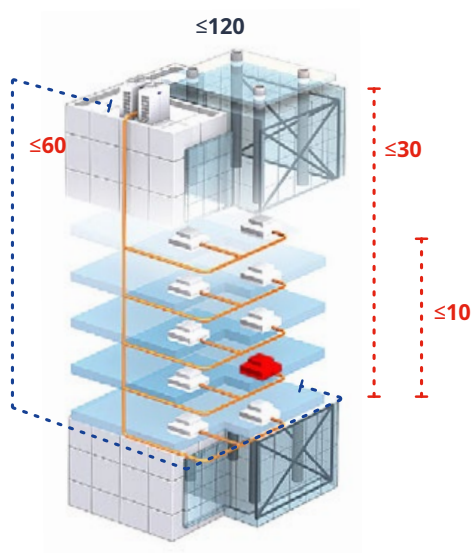
The AMV9 MINI series uses the environmentally friendly R32 refrigerant. With a cooling capacity range of 12.1 kW to 15.5 kW, it can operate reliably in environments from -20°C to 55°C, providing users with comfort and warmth. It can be widely used in office buildings, homes, educational institutions, and the hospitality sector.



MODEL		AMV9-O121/M	AMV9-O141/M	AMV9-O160/M
Number of connectable indoor units		7	8	9
Capacity	Cooling (kW)	12.1	14.1	15.5
	Heating (kW)	14	16	17.5
Energy efficiency	SEER	8	7.74	7.62
	SCOP	4.9	4.84	4.7
	EER	3.3	3.2	2.87
	COP	4.1	4.1	4.1
Power consumption	Cooling (kW)	3.67	4.7	5.4
	Heating (kW)	2.95	3.44	3.78
Supply voltage	(V / f / Hz)	220 ~ 240 / 1 / 50 ~ 60	220 ~ 240 / 1 / 50 ~ 60	220 ~ 240 / 1 / 50 ~ 60
Operating range	Winter (°C)	- 5 ~ +55	- 5 ~ +55	- 5 ~ +55
	Summer (°C)	- 20 ~ +27	- 20 ~ +27	- 20 ~ +27
Connecting pipe	Liquid	3/8	3/8	3/8
	Gas	5/8	5/8	5/8
Maximum length of the pipe line	(m)	120	120	120
Power cable		3 × 4.0mm ²	3 × 4.0mm ²	3 × 4.0mm ²
Compressor		Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter
Sound pressure level	(dB(A))	57	59	60
Sound power level (cooling/heating)	(dB(A))	71/74	73/75	75/76
Number of fans		1	1	1
Refrigerant		R32	R32	R32
Refrigerant charge	(kg)	2.4	2.4	2.4
Product Width / Height / Length	(mm)	990 / 955 / 370	990 / 955 / 370	990 / 955 / 370
Packaging Width / Height / Length	(mm)	1068 / 1100 / 468	1068 / 1100 / 468	1068 / 1100 / 468
Net/gross weight	(kg)	79.5 / 87.5	79.5 / 87.5	79.5 / 87.5

The data is measured under following conditions. Cooling: Indoor temp. 27C DB, 19C WB, and outdoor temp. 35C DB.
Heating: Indoor temp. of 20 C DB and outdoor temp. of 7C DB, 6C WB. Sound pressure level was measured at a distance 1m.

PIPING



- The maximum total pipe length is 120m, the maximum length of farthest fitting pipe (Actual length) is 60m.
- The maximum length after the first branch pipe is 30 m.
- Drop difference between indoor units is 10m
- Drop difference is 20m when outdoor unit is under the indoor unit.
Drop difference is 30m when outdoor unit is above the indoor unit.

FEATURES

Simple fan version for limited space, easy to install and maintain

Silent mode

- The new pump body support structure effectively reduces the low-frequency hum of the compressor during prolonged periods of low-frequency operation, ensuring quieter and more comfortable operation.

Golden Fin Protection

- Units equipped with aluminum heat exchangers with Gold Fin protection. This technology offers high corrosion resistance, ensuring the durability and optimal performance of the equipment over time.

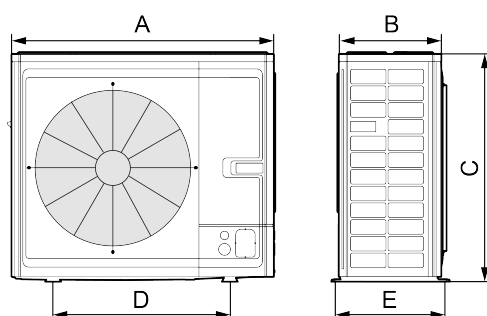
Wide operating range

- The units can operate in extreme climatic conditions: from -5°C to +55°C in cooling mode and from -20°C to +27°C in warm weather.

High energy efficiency

- The units are designed for high energy efficiency. Thanks to their advanced technologies, a comfortable environment is provided without excessive energy consumption. This results in lower electricity bills and a reduced environmental impact.

DIMENSIONS



MODEL	A	B	C	D	E
AMV9-0121/M	990	370	955	755	395
AMV9-0141/M					
AMV9-0160/M					