



R410A

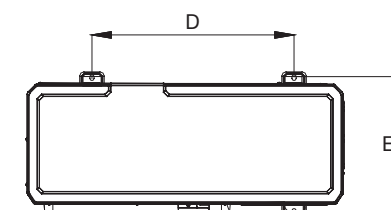
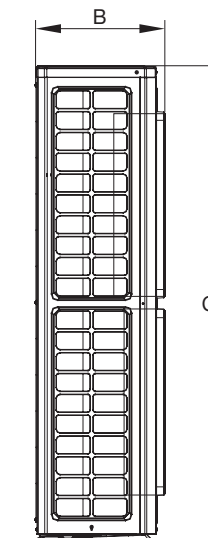
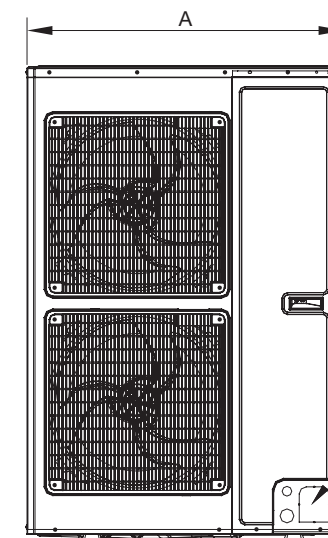
AMV5 SLIM

VRF system

Description

It is a kind of VR system that adopt DC inverter compressor and the outdoor unit could be connected with several indoor units to realize independent cooling or heating control in different rooms.

- Advanced control functions;
- Better reliability;
- Compact outdoor unit;
- DC inverter scroll compressor;
- Flexible piping design.



	A	B	C	D	E
AMV5-O224/S	930	320	1430	632	350
AMV5-O280/S	940	460	1615	610	486
AMV5-O335/S					

Advantages

- All DC inverter technology
- Long connection pipe design
- Wide operation range
- Golden fin condenser
- Compact design
- High efficiency
- Long-distance monitoring

Model			AMV5-O224/S	AMV5-O280/S	AMV5-O335/S
Capacity	Cooling	kW	22.4	28	33.5
	Heating	kW	24	30	35
SEER			6.82	6.28	6.14
EER			2.81	2.05	2.07
SCOP			4.31	4.43	4.04
COP			4.15	3.32	3.16
Power consumption	Cooling	kW	7.97	13.66	16.18
	Heating	kW	5.79	9.03	11.09
Sound power level	dB(A)		78	80	81
Max. circuit/Fuse current	A		17.2/20	22.4/25	24.5/32
Power Supply	380-415~3Ph~50/60Hz				
Refrigerant charge	kg		5.5	7.1	8.0
Maximum drive IDU NO.	unit		13	17	20
Dimensions (WxDxH)	Outline	mm	940x320x1430	940x460x1615	
	Package	mm	1038x438x1580	1038x578x1765	
Connection pipe	Gas pipe	mm	Φ 19.05	Φ 22.2	Φ 25.4
	Liquid pipe	mm	Φ 9.52		Φ 12.7
Net weight/Gross weight	kg		133/144	166/183	177/194

300 m Pipe Design for Flexible Installation

AMV 5 Slim system can be applied in different types of building construction. One of its advantages is the simple pipe design, which will simplify the installation and reduce installation cost.

- max total pipe length reaches 300m (with limitation)
- actual pipe length between the outdoor unit and the farthest indoor unit 120m
- max height difference between indoor unit and outdoor unit: 50m



The ODU operation temperature range is **-5~52C** in cooling and **-20~27C** in heating
 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.