

# AMV 5 MINI



AMV5 Mini offer a compact design, high energy efficiency, low noise operation, and flexible installation options, making them suitable for a wide range of residential and commercial applications.



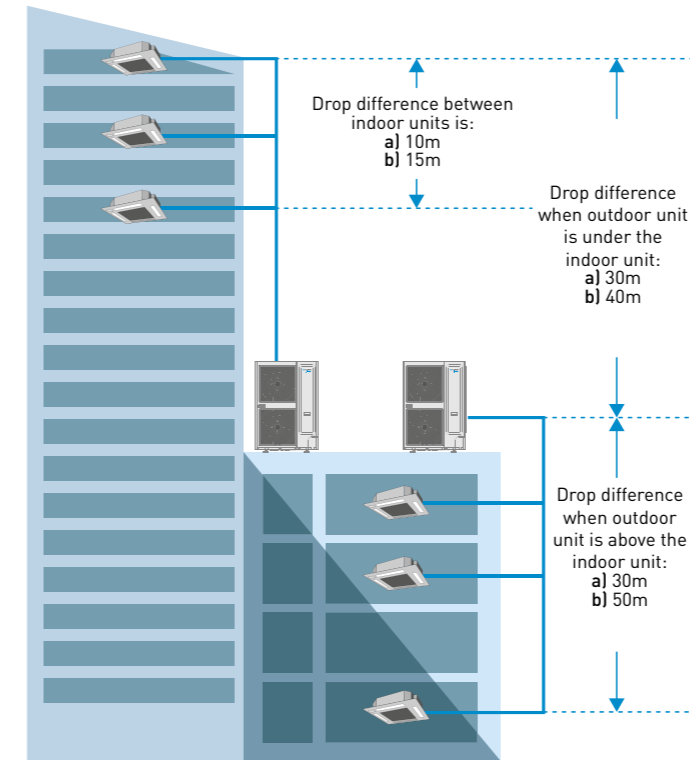
## PRODUCT DATA

MODEL			AMV5-080/M	AMV5-0100/M	AMV5-0120/M3	AMV5-0140/M3	AMV5-0160/M3
Cooling capacity	Max.	kW	8	10	12.1	14	16
Heating capacity	Max.	kW	9	11	14	16.5	18
SEER	Ducted	-	5.12	5.12	6.7	6.88	6.96
	Cassette	-	5.12	5.12	6.7	6.79	6.55
SCOP	Ducted	-	3.8	3.8	3.97	4.24	4.04
	Cassette	-	3.8	3.8	3.93	4.24	4.06
EER			3.90	3.70	3.30	3.11	2.90
COP			4.74	4.40	3.85	3.76	3.76
Power supply	V/Ph/Hz		220-240/1/50 & 208-230/1/60		380-415/3/50		
Max. circuit/Fuse current	A		25	25	14	16	16
Maximum drive IDU NO.	unit		4	5	7	8	9
Refrigerant Charge volume	kg		1.8	1.8	3.3	3.3	3.3
Sound pressure level	dB(A)		56	56	57	58	58
Sound power level	dB(A)		68	69	72	73	76
Connecting pipe	Liquid	mm	Φ 9.52	Φ 9.52	Φ 9.52	Φ 9.52	Φ 9.52
	Gas	mm	Φ 15.9	Φ 15.9	Φ 15.9	Φ 15.9	Φ 19.05
Dimension (W*D*H)	Outline	mm	980x360x790		900x340x1345		
	Package	mm	1097x477x937		998x458x1500		
Net weight	kg		80	80	112	112	112

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.  
 Sound pressure level was measured at a distance 1m.

# PIPING

AMV5 MINI combines high drop pressure control technology, indoor unit drop identification technology, intermediate pressure adjustment technology, tube length self-correction technology, and deep subcooling technology to increase the length of piping and improve the air conditioning effect.



Units a): AMV5-080/M ir AMV5-0100/M  
 Units b): AMV5-0120/M3, AMV5-0140/M3, AMV5-0160/M3

- The maximum actual single pipe length is a) 100m, b) 120m, the maximum equivalent single pipe length is a) 120m, b) 150m, and the maximum piping length is a) 250m, b) 300m.
- Drop difference between indoor units is:  
 a) 10m  
 b) 15m
- Drop difference when outdoor unit is under the indoor unit:  
 a) 30m  
 b) 40m
- Drop difference when outdoor unit is above the indoor unit:  
 a) 30m  
 b) 50m

## DIMENSIONS

AMV5-080/M ir AMV5-0100/M

AMV5-0120/M3, AMV5-0140/M3, AMV5-0160/M3

### Dimensions

