

AMV6 BASIC



AMV6 heat pump multi VRF unit adopts air-makeup enthalpy-adding compressor, brand new dual zone heat exchanger and CAN+ system control proposal. Seasonal energy efficiency of the whole is greatly improved, with SEER and SCOP improved by up to 20% and 30% respectively.

PRODUCT DATA



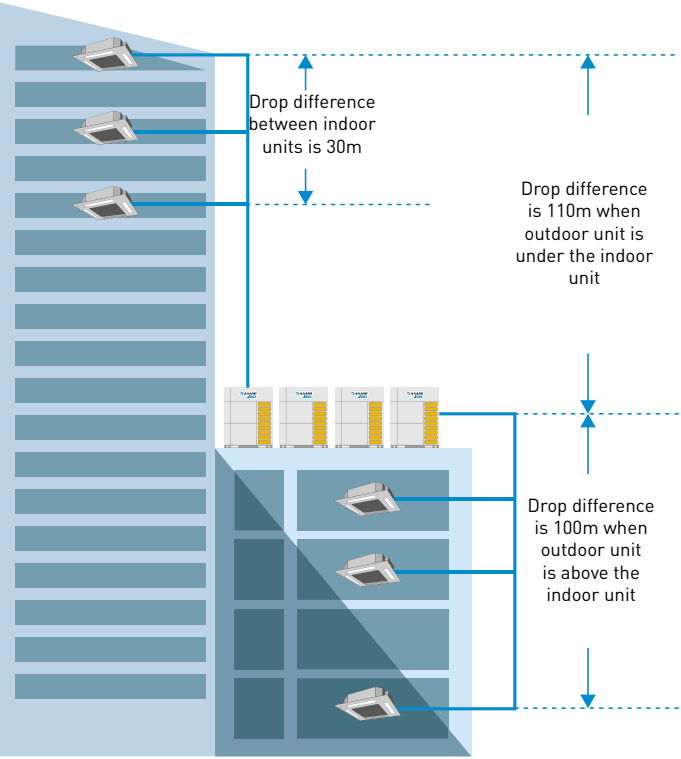
MODEL			AMV6-0224	AMV6-0280	AMV6-0335	AMV6-0400	AMV6-0450	AMV6-0504	AMV6-0560	AMV6-0615
Cooling capacity	Max.	kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0	61.5
Heating capacity	Max.	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0	69.0
SEER	Ducted *	-	7.10	6.59	6.31	6.68	6.17	6.06	5.97	5.97
	Cas- sette *	-	7.80	6.26	6.58	6.66	6.34	6.06	5.67	5.67
SCOP	Ducted *	-	4.62	4.80	4.40	4.80	4.84	4.19	4.11	4.11
	Cas- sette *	-	4.50	4.75	4.66	4.44	4.44	3.71	3.71	3.71
EER	-	-	3.08	2.25	2.45	2.50	2.24	2.11	1.90	1.99
COP	-	-	4.15	4.01	3.86	3.80	3.68	3.69	3.25	3.47
Power supply		V/Ph/Hz	380-415V 3N ~ 50/60HZ							
Min. circuit/Max. fuse current		A	23.0/25	23.5/25	24.1/25	37.5/40	39.3/40	47.0/50	48.0/50	49.0/50
Max. input power		kW	12.87	13.15	13.50	21.00	22.00	26.30	26.85	27.41
Maximum drive IDU NO.		unit	13	16	19	23	26	29	33	36
Refrigerant Charge volume		kg	5.5	5.5	7.5	7.5	7.5	8.3	8.3	8.3
Sound pressure level (cooling)		dB(A)	56	57	59	59	60	61	62	63
Sound power level (cooling)	Cas- sette *	dB(A)	82	86	86	88	93	88	94	94
	Liquid	mm	Φ 9.52	Φ 9.52	Φ 12.7	Φ 12.7	Φ 12.7	Φ 15.9	Φ 15.9	Φ 15.9
Connecting pipe	Gas	mm	Φ 19.05	Φ 22.2	Φ 25.4	Φ 25.4	Φ 28.6	Φ 28.6	Φ 28.6	Φ 28.6
	Outline	mm	930 × 775 × 1690			1340 × 775 × 1690				
Dimension [W*D*H]	Package	mm	1000 × 830 × 1855			1400 × 830 × 1855				
	Net weight/Gross weight	kg	220/230	220/230	240/250	300/315	300/315	350/365	350/365	355/370

*The data is Eurovent compliant.

The ODU operation temperature range is -5~55C in cooling and -30~24C 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.

DIMENSIONS

AMV6 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.



- The maximum actual single pipe length is 200m, the maximum equivalent single pipe length is 240m, and the maximum piping length is 1,000m.
- The maximum length after the first branch pipe is 120m *.
- The maximum drop of indoor and outdoor units is 110m* (100m when the outdoor unit is in upper position) *.
- The maximum drop between indoor units is 30m.

* Please consult technical staff for details.

DIMENSIONS

Models AMV6-0224-0335

Models AMV6-0400-0615

