

MRV S^{II}

AV10NMSETA



CE

FEATURES & BENEFITS

- Compact size, saving space and designing time.
- DC inverter compressor and fan motor
- Double pressure sensors, more reliable and higher efficiency
- Total pipe length 300m, longest pipe length 175m
- Automatic refrigerant recovery
- Nighttime mode for quiet operation

PERFORMANCE

Outdoor unit name:	MRV S ^{II}	Rated cooling capacity (kW):	28.00
Outdoor unit model:	AV10NMSETA	Nom cooling capacity (kW):	28.00
Type:	Heat pump	Cooling input power (kW):	8.00
Unit combination:	/	EER:	3.50
Rated cooling conditions:	Indoor(°C DB/WB):27/19 Ambient(°C DB/WB):35/24	Rated heating capacity (kW):	31.50
Rated heating conditions:	Indoor(°C DB/WB):20/14.5 Ambient(°C DB/WB):7/6	Nom heating capacity (kW):	31.50
Rated piping length (m):	/	Heating input power (kW):	7.50
Rated height difference(m):	0	COP:	4.20

OUTDOOR UNIT DETAILS

Power supply(V/Hz/Ph):	380-400/50/60/3	Capacity index limit:	50~130
Power supply connections:	L1,L2,L3,N,Ground	Airflow rate (H) (m ³ /h):	10000
Min. circuit Amps MCA (A):	23.80	Gas pipe connection (mm):	Φ22.22
Max. overcurrent protection (MOP)(A):	25.00	Liquid pipe connection (mm):	Φ9.52
Max. starting current MSC(A):	5	High pressure gas pipe connection (mm):	/
Rated load Amps RLA(A):	13.20	Oil equalization connection (mm):	/
Dimensions(H×W×D) (mm):	1636×1050×400	Sound pressure (H) (dBA):	58
Net weight(kg):	168	Sound power level (dBA):	69
Compressor type:	DC inverter rotary	Max. No. of indoor units:	16
Capacity control range (%):	10~100		

SYSTEM DETAILS

Refrigerant type:	R410A	Cooling operation range (°C DB):	-5~43
Holding refrigerant charge (kg):	7.4	Heating operation range (°C DB):	-15~21
Additional charge (kg):	Piping length caculation amount	Max. height separation (IDU to ODU)(m):	50
Pre-charge piping (length) (m):	0	Cooling adjustable range (°C DB):	16~30
Max. pipe length (total) (m):	300	Heating adjustable range (°C DB):	16~30
Max. height separation (IDU to IDU) (m):	15		

DIMENSIONAL DRAWING

