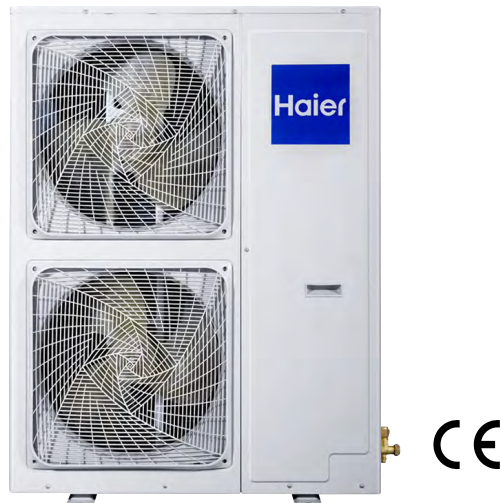


### MRV S<sup>I</sup>

AU48NFIERA(H)



#### FEATURES & BENEFITS

- DC inverter twin rotary compressor and DC motor
- Compact size
- Wider operation range from -5~48°C
- PID control enables precise refrigerant flow and temperature.

### PERFORMANCE

Outdoor unit name:	MRV S <sup>1</sup>	Rated cooling capacity (kW):	15.00
Outdoor unit model:	AU48NFIERA(H)	Nom cooling capacity (kW):	15.00
Type:	Heat pump	Cooling input power (kW):	3.98
Unit combination:	/	EER:	3.77
Rated cooling conditions:	Indoor(°C DB/WB):27/19 Ambient(°C DB/WB):35/24	Rated heating capacity (kW):	17.00
Rated heating conditions:	Indoor(°C DB/WB):20/14.5 Ambient(°C DB/WB):7/6	Nom heating capacity (kW):	17.00
Rated piping length (m):	/	Heating input power (kW):	3.91
Rated height difference(m):	0	COP:	4.35

### OUTDOOR UNIT DETAILS

Power supply(V/Hz/Ph):	380-400/50/60/3	Capacity index limit:	50~130
Power supply connections:	R, S, T, N, Ground	Airflow rate (H) (m <sup>3</sup> /h):	10000
Min. circuit Amps MCA (A):	11.20	Gas pipe connection (mm):	Φ19.05
Max. overcurrent protection (MOP)(A):	16.00	Liquid pipe connection (mm):	Φ9.52
Max. starting current MSC(A):	2	High pressure gas pipe connection (mm):	/
Rated load Amps RLA(A):	6.30	Oil equalization connection (mm):	/
Dimensions(H×W×D) (mm):	1250×960×340	Sound pressure (H) (dBA):	58
Net weight(kg):	99	Sound power level (dBA):	69
Compressor type:	DC inverter rotary	Max. No. of indoor units:	8
Capacity control range (%):	10~100		

### SYSTEM DETAILS

Refrigerant type:	R410A	Cooling operation range (°C DB):	-5~48
Holding refrigerant charge (kg):	3.8	Heating operation range (°C DB):	-15~21
Additional charge (kg):	Piping length caculation amount	Max. height separation (IDU to ODU)(m):	30
Pre-charge piping (length) (m):	0	Cooling adjustable range (°C DB):	16~30
Max. pipe length (total) (m):	150	Heating adjustable range (°C DB):	16~30
Max. height separation (IDU to IDU) (m):	10		

### DIMENSIONAL DRAWING

