

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

AU282FHERA



#### FEATURES & BENEFITS

- DC inverter twin rotary compressor
- Compact size
- Wider operation range from 10~43°C
- PID control enables precise refrigerant flow and temperature.

### PERFORMANCE

Outdoor unit name:	MRV S <sup>1</sup>	Rated cooling capacity (kW):	8.00
Outdoor unit model:	AU282FHERA	Nom cooling capacity (kW):	8.00
Type:	Heat pump	Cooling input power (kW):	2.20
Unit combination:	/	EER:	3.64
Rated cooling conditions:	Indoor(°C DB/WB):27/19 Ambient(°C DB/WB):35/24	Rated heating capacity (kW):	9.50
Rated heating conditions:	Indoor(°C DB/WB):20/14.5 Ambient(°C DB/WB):7/6	Nom heating capacity (kW):	9.50
Rated piping length (m):	/	Heating input power (kW):	2.15
Rated height difference(m):	0	COP:	4.42

### OUTDOOR UNIT DETAILS

Power supply(V/Hz/Ph):	220-230/50/1	Capacity index limit:	50~130
Power supply connections:	L,N, Ground	Airflow rate (H) (m <sup>3</sup> /h):	3500
Min. circuit Amps MCA (A):	20.70	Gas pipe connection (mm):	Φ15.88
Max. overcurrent protection (MOP)(A):	25.00	Liquid pipe connection (mm):	Φ9.52
Max. starting current MSC(A):	2	High pressure gas pipe connection (mm):	/
Rated load Amps RLA(A):	10.5	Oil equalization connection (mm):	/
Dimensions(H×W×D) (mm):	830×960×340	Sound pressure (H) (dBA):	55
Net weight(kg):	74	Sound power level (dBA):	66
Compressor type:	DC inverter rotary	Max. No. of indoor units:	5
Capacity control range (%):	10~100		

### SYSTEM DETAILS

Refrigerant type:	R410A	Cooling operation range (°C DB):	10~43
Holding refrigerant charge (kg):	2.6	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):	50	Heating adjustable range (°C DB):	16~30
Max. height separation (IDU to IDU) (m):	10		

### DIMENSIONAL DRAWING

