

OUTDOOR UNIT SPECIFICATION

MULTI V WATER S

ARWN60GA0

HP				6
Model	Independent Unit			ARWN60GA0
Capacity	Cooling	Nom	kW	15.5
	Heating	Nom	kW	18.0
Power Input	Cooling	Nom	kW	3.20
	Heating	Nom	kW	3.50
EER				4.84
COP				5.14
Operation Range of Circulation water ⁵⁾	Cooling	Min ~ Max	°C	10°C ~ 45°C
	Heating	Min ~ Max	°C	-5°C ~ 45°C
Compressor	Type			BLDC Inverter Twin Rotary
	Number of Compressor			1
Sound Pressure	Cooling	Nom	dBA	50
	Heating	Nom	dBA	50
Sound Power	Cooling	Nom	dBA	61
	Heating	Nom	dBA	61
Dimensions	W x H x D		mm	520 x 1,080 x 330
Net Weight			kg	76
Refrigerant	Type			R410A
	Precharged Amount		kg	1.0
				lbs
	GWP			
TCO ₂ eq				2.1
Refrigerant Oil	Type			FVC68D
	Charge		cc	1,300
Power Supply			Ø / V / Hz	1 / 220-240 / 50, 60
Transmission Cable (VCTF-SB)			No. x mm ²	2C x 1.0~1.5
Piping Length	Total	Max	m	145
	Actual Longest Piping Length	Max	m	90
	After 1st Y Branch	Max	m	40
Piping Level Difference	IDU - ODU	Max	m	30
	IDU - IDU	Max	m	15
Piping Connection	Liquid		mm (inch)	9.52 (3/8)
	Gas		mm (inch)	19.05 (3/4)
Number of Outdoor Units				1
Number of Connectable Indoor Units		Max	9	
Ratio of the Connectable Indoor Units		Min ~ Max	50 ~ 130%	
Heat Exchanger	Type			Stainless Steel Plate
	Pressure Resistance	Max	kgf/cm ²	4,413
	Nom Water Flow		L/min	60
	Head Loss		kPa	28.4
Water Connection Pipe	Inlet		mm	PT32 (1-1/4)
	Outlet		mm	PT32 (1-1/4)
	Drain Outlet		mm	-

* This product contains Fluorinated Greenhouse Gases. (R410A)

Note : 1. Capacities are based on the following conditions :

- Cooling Temperature : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB / Water 30°C (86°F)
- Heating Temperature : Indoor 20°C (68°F) DB / 15°C (59°F) WB / Water 20°C (68°F)
- Piping Length : Interconnected Pipe Length = 7.5m
- Difference Limit of Elevation (Outside ~ Indoor Unit) is Zero.

2. Wiring cable size must comply with the applicable local and national codes.

3. Due to our policy of innovation some specifications may be changed without notification.

4. Sound Level Values are measured at Anechoic chamber.

Therefore, these values can be increased owing to ambient conditions during operation.

5. Add an anti freeze to circulation water when outside unit is operating under 10°C (50°F), and change the DIP switch on main PCB. (For more information on installation section.)