

ARNH04GK3A4/ ARNH08GK3A4



Type				High Temp.	High Temp.	
Model				ARNH04GK3A4	ARNH08GK3A4	
Power Supply		Ø / V / Hz		1 / 220-240 / 50 1 / 220 / 60	1 / 220-240 / 50 1 / 220 / 60	
Capacity (Rated)	Cooling	kW		-	-	
	Heating	kW		13.8	25.2	
Power Input	Cooling	Nomal	kW	-	-	
	Heating	Nomal	kW	2.3	5.0	
Water Outlet Temperature	Cooling	Min	°C	-	-	
	Heating	Max	°C	80°C	80°C	
Casing				Painted Steel Plate	Painted Steel Plate	
Dimensions	Body	W x H x D	mm	520 x 1,080 x 330	520 x 1,080 x 330	
			inch	20-15 / 32 x 42-17 / 32 x 13	20-15 / 32 x 42-17 / 32 x 13	
Net Weight				kg (lbs)	88.0 (194.0)	94.0 (207.2)
Heat Exchanger	Refrigerant to Water	Type	Brazed Plate HEX		Brazed Plate HEX	
		Rated Water Flow	L/min	19.8	36.0	
	Refrigerant to Refrigerant	Head Loss	kPa	5.0	20.0	
Compressor			Type	Twin Rotary Inverter	Twin Rotary Inverter	
Piping Connections	Water Side	Inlet	inch	Male PT 1	Male PT 1	
		Outlet	inch	Male PT 1	Male PT 1	
	Refrigerant Side	Liquid Side	mm (inch)	9.52 (3/8)	9.52 (3/8)	
		Gas Side	mm (inch)	15.88 (5/8)	19.05 (3/4)	
Drain Piping Connection			mm (inch)	Male PT 1	Male PT 1	
Sound Pressure Level	Cooling			dB (A)	-	-
	Heating			dB (A)	43	43
Refrigerant	Refrigerant to Refrigerant	Refrigerant Type		R410A	R410A	
		Control		EEV	EEV	
	Refrigerant to Water	Refrigerant Type		R134A	R134A	
		Precharged Amount	kg (lbs)	2.3(5.1)	3.0(6.6)	
		Control		EEV	EEV	
Operation Range	Connected to Heat Pump	Cooling	°C (DB)	-	-	
		Heating	°C (DB)	-20°C ~ 35°C	-20°C ~ 35°C	
	Connected to Heat Recovery	Cooling	°C (DB)	-	-	
		Heating	°C (DB)	-20°C ~ 43°C	-20°C ~ 43°C	
Combination Ratio	Only Hydrokit	Min ~ Max	%	50 ~ 100	50 ~ 100	
	Hydrokit + Standard IDUs	Min ~ Max	%	50 ~ 130	50 ~ 130	

\* This product contains Fluorinated Greenhouse Gases. (R410A, R134A)

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

- Heating : Indoor 20°C (68°F) DB / 15°C (59°F) WB, Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB, Water Inlet 55°C (131°F) / Outlet 65°C (149°F)

2. Piping Length : Interconnected Pipe Length = 7.5m

3. Difference Limit of Elevation (Outdoor - Indoor Unit) is Zero.

4. MULTI V S 4HP (ARUN040GSS0, ARUN040LSS0) cannot be connected to Hydro Kit.

5. MULTI V Water S cannot be connected to Hydro Kit.