

## HOT WATER SOLUTION SPECIFICATION

# HYDRO KIT

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 × 1,080 × 330	520 × 1,080 × 330
			inch	20-15 / 32 x 42-17 / 32 x13	20-15 / 32 x 42-17 / 32 x13
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
		Head Loss	kPa	5.0	20.0
	Refrigerant to Refrigerant	Type		Brazed Plate HEX	Brazed Plate HEX
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	Connctected to Heat Pump	Cooling	°C (DB)	-	-
		Heating	°C (DB)	-20°C ~ 35°C	-20°C ~ 35°C
	Connctected 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.