ARNH04GK2B4 / ARNH10GK2B4
ARNH16GK2B4

MODEL			UNIT	ARNH04GK2B4	ARNH10GK2B4	ARNH16GK2B4
Capacity (Rated)		Cooling	kW	12.3	28.0	46.4
			kcal/h	10,580	24,100	39,900
			Btu/h	42,000	95,900	158,300
		Heating	kW	13.8	31.5	52.0
			kcal/h	11,870	27,100	44,700
			Btu/h	47,000	107,500	177,400
Input (Rated)		Cooling	kW	0.01	0.01	0.01
		Heating	kW	0.01	0.01	0.01
Casing		Material	-	Painted Steel Plate	Painted Steel Plate	Painted Steel Plate
		Color (RAL code)	-	RAL 7030	RAL 7030	RAL 7030
Dimensions	Net	Body (W x H x D)	mm	520 x 631 x 330	520 x 631 x 330	520 x 631 x 330
			inch	20-15/32 x 24-27/32 x 13	20-15/32 x 24-27/32 x 13	20-15/32 x 24-27/32 x 13
Weight	Net	Body	kg (lbs)	30.5 (67.2)	35.5 (78.3)	47 (103.6)
Heat Exchanger	Refrigerant to Water	Type	-	Brazed Plate HEX	Brazed Plate HEX	Brazed Plate HEX
		Quantity	EA	1	1	1
		Number of Plate	EA	26	48	96
		Rated Water Flow	l / min	39.6	92.0	150.0
		Head Loss	kPa	41.0	69.0	54.8
Flow Sensor		Type	-	Vortex	Vortex	Vortex
		Model	-	SIKA VVX20	SIKA VVX25	SIKA VVX25
		Mesasuring Range (Min. ~ Max.)	l / min	5 ~ 80	7 ~ 150	7 ~ 150
		Flow (Trigger Point, Min.)	l / min	7.0	15.0	15.0
Temperature Control			-	Microprocessor, Thermostat for Cooling and Heating		
Water Tank Temperature Sensor		Type (Sensor Holder)	inch	Male PT 1/2	Male PT 1/2	Male PT 1/2
		Length	m	12	12	12
Sound Absorbing Thermal Insulation Material			-	Foamed Polystrene	Foamed Polystrene	Foamed Polystrene
Safety Device				Fuse	Fuse	Fuse
Piping Connections	Water Side	Inlet	inch	Male PT 1	Male PT 1	Male PT 1 1/4
		Outlet	inch	Male PT 1	Male PT 1	Male PT 1 1/4
	Refrigerant Side	Liquid	mm(inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)
		Gas	mm(inch)	Ø15.88 (5/8)	Ø22.2 (7/8)	Ø28.58 (1-1/8)
Drain Piping Connection				Male PT 1	Male PT 1	Male PT 1
Sound Pressure Level		Cooling	dB(A)	26	26	30
		Heating	dB(A)	26	26	30
Transmission Cable			mm²	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~1 .5 x 2C
Refrigerant	Refrigerant to Water	Refrigerant name	-	R410A / R32	R410A / R32	R410A / R32
		Additional Refrigerant Charge Amount	kg (lbs)	0.8 (1.76) / 0.66 (1.46)	1.60 (3.53) / 1.32 (2.91)	2.4 (5.29) / 2.9 (6.39)
		GWP (Global Warming Potential)	-	2,087.5	2,087.5	2,087.5
		Control	-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply			V / Ø / Hz	220-230-240 / 1 / 50/60	220-230-240, 1, 50/60	220-230-240 / 1 / 50/60
Running Current		Cooling / Heating	A	0.13 - 0.13 - 0.13	0.13 - 0.13 - 0.13	0.13 - 0.13 - 0.13

1) Nominal : Performance tested under EN14511
Note :
1. Capacities are based on the following conditions :
   - Cooling : Indoor 27°C (80.6°F) DB / 19° C (66.2°F) WB, Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB, Water Inlet 23°C (73.4°F) / Outlet 18°C (64.4°F)
   - 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 30°C (86°F) / Outlet 35°C (95°F)
2. Piping Length : Interconnected Pipe Length = 7.5m
3. Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
4. MULTI V Water S cannot be connected to Hydro Kit.
5. Anti freezing liquid should be added under 10°C (outdoor temp.) during cooling mode.
6. Due to our policy of innovation some specifications may be changed without notification.

Accessories

CHASSIS	ARNH04GK2B4	ARNH10GK2B4	ARNH16GK2B4
Drain Pump	-		
Cassette Cover	-		
Refrigerant Leak Detector	PRLDNVS0 (R410A), PLDRNV1S (R32)		
EEV Kit	-		
Multi-tenant Power Module	○		
Robot Cleaner	-		
Pre Filter (Washable)	-		
Ion Generator	-		
CO_2 Sensor	-		
Ventilation Kit	-		
IR Receiver	-		
Zone Controller	-		
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB320		
External Input (1 point)	○		
Wi-Fi	PWFMDD200		

※ ○ : Applied, - : Not applied
Option : Refer to model name in table