

1. Specification

Type			Ceiling Concealed Duct (Low Static)(Preliminary)			
Model		Unit	ARNU07GB1G0	ARNU09GB1G0	ARNU12GB1G0	
Cooling Capacity		W	2,200	2,800	3,600	
		kcal/h	1,900	2,400	3,100	
		Btu/h	7,500	9,600	12,300	
Heating Capacity		W	2,500	3,200	4,000	
		kcal/h	2,200	2,800	3,400	
		Btu/h	8,500	10,900	13,600	
Casing			Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	
Dimensions (W*D*H)	Body	mm	820 x 575 x 190	820 x 575 x 190	820 x 575 x 190	
		inch	32.3 x 21.7 x 7.5	32.3 x 21.7 x 7.5	32.3 x 21.7 x 7.5	
Coil	Rows x Columns x FPI		2x12x19	2x12x19	2x12x19	
	Face Area	m ²	0.16	0.16	0.16	
Fan	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Motor Output x Number	W	30	30	30	
	Running Current	A	1 0.1	0.1	0.1	
	Air Flow Rate(H/M/L)	cmm		8.5/7.5/6.5	9.5/8.5/7.5	10.5/9.5/8.5
		cfm		300.2 / 264.9 / 229.6	335.5 / 300.2 / 264.9	370.9 / 335.5 / 300.2
	External Static Pressure	Pa		19.6	19.6	19.6
	Drive			Direct	Direct	Direct
Motor type			BLDC	BLDC	BLDC	
Temperature Control			Microprocessor, Thermostat for cooling and heating	Microprocessor, Thermostat for cooling and heating	Microprocessor, Thermostat for cooling and heating	
Sound Absorbing Thermal Insulation Material			Foamed polystyrene	Foamed polystyrene	Foamed polystyrene	
Air Filter			-	-	-	
Safety Device			Fuse, Thermal Fuse for Fan Motor	Fuse, Thermal Fuse for Fan Motor	Fuse, Thermal Fuse for Fan Motor	
Pipe Connections	Liquid Side	mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	
	Gas Side	mm(inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	
	Drain Pipe(Outer Dia.)	mm	25.4	25.4	25.4	
Net Weight		kg(lbs)	17(37.5)	17(37.5)	17(37.5)	
Noise Level(Sound Press, 1m, H/M/L)		dBA±3	35/33/31	36/34/32	37/35/33	
Power Supply		Ø / V / Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50	
			1, 220, 60	1, 220, 60	1, 220, 60	
Refrigerant Control			LEV	LEV	LEV	
Power cable		mm ²	CV2.0 X 3C	CV2.0 X 3C	CV2.0 X 3C	
Transmission cable		mm ²	CVV-SB 1.25 X 2C	CVV-SB 1.25 X 2C	CVV-SB 1.25 X 2C	

Notes:-

1. Capacities are based on the following conditions:

- Cooling
 - Indoor temp. 27°C[80.6°F]DB/ 19°C[66.2°F]WB
 - Outdoor temp. 35°C[95°F]DB/ 24°C[75.2°F]WB
 - Interconnecting Piping Length 7.5m
 - Level Difference of Zero
- Heating
 - Indoor temp. 20°C[68°F]DB/ 15°C[59°F]WB
 - Outdoor temp. 7°C[44.6°F]DB/ 6°C[42.8°F]WB
 - Interconnecting Piping Length 7.5m
 - Level Difference of Zero

2. Capacities are net capacities

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

4. L.E.V.: Linear Expansion Valve

5. To be added for more available Models

Specification

Type			Ceiling Concealed Duct (Low Static)(Preliminary)	
Model		Unit	ARNU18GB2G0	ARNU24GB2G0
Cooling Capacity		W	5,600	7,000
		kcal/h	4,800	6,100
		Btu/h	19,100	24,200
Heating Capacity		W	6,300	8,000
		kcal/h	5,400	6,900
		Btu/h	21,500	27,300
Casing			Galvanized Steel Plate	Galvanized Steel Plate
Dimensions (W*D*H)	Body	mm	1100 x 575 x 190	1100 x 575 x 190
		inch	43.3 x 21.7 x 7.5	43.3 x 21.7 x 7.5
Coil	Rows x Columns x FPI		2x12x19	2x12x19
	Face Area	m ²	0.23	0.23
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W	80	80
	Running Current	A	0.24	0.24
	Air Flow Rate(H/M/L)	cmm	16 / 14 / 12	19 / 17 / 15
		cfm	565 / 494.4 / 423.8	671 / 600.4 / 529.8
	External Static Pressure	Pa	19.6	19.6
	Drive		Direct	Direct
Motor type		BLDC	BLDC	
Temperature Control			Microprocessor, Thermostat for cooling and heating	Microprocessor, Thermostat for cooling and heating
Sound Absorbing Thermal Insulation Material			Foamed polystrene	Foamed polystrene
Air Filter			-	-
Safety Device			Fuse, Thermal Fuse for Fan Motor	Fuse, Thermal Fuse for Fan Motor
Pipe Connections	Liquid Side	mm(inch)	Ø6.35(1/4)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø12.7(1/2)	Ø15.88(5/8)
	Drain Pipe(Outer Dia.)	mm	25.4	25.4
Net Weight		kg(lbs)	21(46.3)	21(46.3)
Noise Level(Sound Press, 1m, H/M/L)		dBA±3	40/37/34	43/40/37
Power Supply		Ø / V / Hz	1, 220 ~ 240, 50 1, 220, 60	1, 220 ~ 240, 50 1, 220, 60
Refrigerant Control			LEV	LEV
Power cable		mm ²	CV2.0 X 3C	CV2.0 X 3C
Transmission cable		mm ²	CVV-SB 1.25 X 2C	CVV-SB 1.25 X 2C

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Conversion Formula

kcal/h= kW x 860
Btu/h = kW x 3412
cfm = m³/min x 35.3