

Engineered to elevate efficiency and comfort
to the next level!

APRI SERIES

Rooftop Inverter Package Unit
(208~230V/ 1Ph / 60Hz)

Cooling Capacity Min~Max: 36,000 ~ 60,000 Btu/h (10.5 - 16.0 kW)
Heating Capacity Min~Max: 36,500 ~ 54,000 Btu/h (10.7 - 15.8 kW)

Product Features

- ✓ Up To 5 Tons in Cooling and Heating Mode.
- ✓ 16 and 18 SEER in Cooling
- ✓ DC Inverter Design
- ✓ DC Inverter Motor
- ✓ GMCC and Mitsubishi Compressor
- ✓ High Efficiency Fan Blade
- ✓ Excellent Grid Adaptability
- ✓ Multiple Protection Design
- ✓ Refrigerant Cooling Protection
- ✓ Easy Maintenance and Installation
- ✓ Automatic Adjustment of Throttling
- ✓ Axial Fan Design of Outdoor Fan
- ✓ Cooling Operation from 17°C to 48°C
- ✓ Heating Operation from -15°C to 30°C
- ✓ 24V Low Voltage Control (Standard)



3.0 & 4.0 Tons



5 Tons



OMEGA

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ROOFTOP PACKAGE UNIT							
MODEL NO.	APRI	636J2A -GT1105	836J0A -GT1140	648J2A -GM1140	660J2A -GM1160	860J0A -GM1160	
Nominal Capacity (Tons)		3.0	3.0	4.0	5.0	5.0	
Nominal Cooling Capacity		Btu/h (kW)	36,000 (10.5)	36,000 (10.5)	48,000 (14.0)	60,000 (16.0)	60,000 (16.0)
SEER		16	18	16	16	18	
EER		Btu/h / W	10.5	11.3	10.5	10.0	10.6
Nominal Heating Capacity		Btu/h (kW)	36,500 (10.7)	36,500 (10.7)	49,000 (14.4)	56,500 (16.6)	54,000 (15.8)
COP		Btu/h / W	11.7	11.7	11.7	11.2	10.5
Refrigerant Control		Electronic Expansion Valve Throttling					
Air Flow CFM (m ³ /hr) - Hi Setting		1100 (1870)	1180 (2005)	1750 (2975)	1750 (2975)	1560 (2650)	
Noise Level (dBA) - Hi Setting		61	61	66	66	66	
Coil Type:		Grooved Copper Tubes - Hydrophilic Aluminum Fins					
Evaporator Section	Air Filter	Cleanable Type					
	Fan Type	Centrifugal					
	Fan QTY	1	1	1	1	1	
	Fan Motor (kW)	0.18	0.2	0.35	0.35	0.33	
	Fan Speeds	2	/	2	2	/	
Condenser Section	Fan Type	Axial-flow					
	Fan QTY	1	1	1	1	1	
	Fan Motor (kW) each	0.11	0.11	0.23	0.23	0.23	
	Compressor Type	DC Inverter Twin-Rotary					
	Compressor QTY	1	1	1	1	1	
Controls		24V Low Voltage Control					
Refrigerant		R410A					
Electrical	Voltage/Phase/Frequency	208~230V / 1Ph / 60Hz					
	Range	min 187 ~ max 253					
	Power Input / Cooling (W)	3430	3180	4450	5600	5200	
	Power Input / Heating (W)	3130	3130	4100	5050	5150	
Dimensions inches (mm)	Height	24 7/8 (630)	24 7/8 (630)	33 (840)	33 (840)	33 (840)	
	Width	52 (1321)	52 (1321)	58 1/2 (1486)	58 1/2 (1486)	58 1/2 (1486)	
	Depth	37 3/4 (958)	37 3/4 (958)	42 3/4 (1086)	42 3/4 (1086)	42 3/4 (1086)	
Net Weight	lbs (kgs)	229.2 (136)	308 (140)	418 (190)	431.2 (196)	440 (200)	

- Notes:**
1. Nominal capacities are based on air entering the evaporator section at 80/67°F (27/19°C), DB/WB indoor & 95°F (35°C) ambient temperature entering with indoor fan operating at high airflow setting.
 2. Refrigerant metering device is installed at the evaporator section as standard.
 3. For details of model number nomenclature, please refer to publication OMGNM-1020.

OMEGA
ENVIRONMENTAL
TECHNOLOGIES LLC.
17702 Mitchell North, #101
Irvine, CA 92614, USA
Tel: 714 795 2830
Fax: 714 966 1649
info@otecomega.com
www.otecomega.com



ISO 14001 ISO 9001

OTEC
AIR CONDITIONING
Showroom & Technology Center
11380 Interchange Circle North
Miramar, FL 33025 . USA
Tel: 305 731 2140, 888 840 7550
Fax: 954 212 8280
info@otecomega.com
www.otecomega.com