

**24 VOLT
COMMUNICATION
TECHNOLOGY**

**OMEGA
INVERTER
TECHNOLOGY**

**INVERTER
TECHNOLOGY
EXPERT**

Engineered to elevate efficiency and comfort
..... to the next level!

**SMART INVERTER
ICVC/HVCV SERIES**

Top Discharge 208/230V-50/60Hz
18 SEER Condensing Unit
Cooling Nominal: 36,000~60,000 BTU/h (10.5~17.0 kW)

OUTDOOR UNIT (COOLING ONLY)

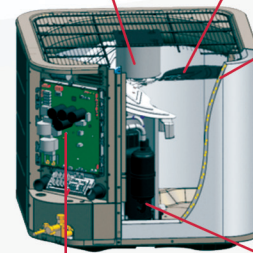
MODEL NO.	ODU		ICVC836 NOA-LHI105	ICVC860 NOA-LHI160
Cooling Capacity (BTU/h)	Nominal		36,000 (10.5)	60,000 (17.0)
Heating Capacity (BTU/h)			/	/
Efficiency	SEER	BTU/h / W (WW)	18 (5.3)	
	EER		12.2 (3.6)	11.9 (3.5)
Compressor Type	Rotary			
Outdoor Fan	No of Fans	1		1
	Type	Axial-Flow		
	Air Flow (CFM / m ³ /h)	3237 (5500)		4120 (7000)
	Noise Level (dbA)	61		62
Coil Type:	Copper Tubes / Innergroover tube type			
Electrical	Voltage	208~230V/50-60Hz/1ph		
	Range (min-max)	min 187 - max 253		
	Running Amps (RLA)	9.4		15.8
	Cooling Pwr. Input Nom. (W)	4400		6700
	Min. Circuit Amps (MCA)	/		/
	Max Fuse Amps (MOCP)	12.5		20.5
Refrigerant Charge R410a (oz. / kgs.)			81 / 2.3	106 / 3.0
Refrigerant Connections inches (mm)	Type	R410a		
	Liquid	3/8 (9.52)		3/8 (9.52)
	Gas	5/8 (15.88)		3/4 (19.05)
Max Pipe Distance Ft.(m)	Height	50 (15)		67 (20)
	Length	83.25 (25)		100 (30)
Dimensions inches (mm)	Height	24 7/8 (633)		33 1/4 (843)
	Width	29 1/8 (740)		29 1/8 (740)
	Depth	29 1/8 (740)		29 1/8 (740)
Net Weight	Lbs (kgs)		115 (52)	146 (66)

Variable-Speed ECM Motors

Can adjust speed in 9 different levels. Automatically reflect to have an excellent heat exchange as well as provide lower noise levels.

Direct-Drive Fan Blades

Provides vortex suppression to reduce sound of airflow, making unit maintain relatively low noise at high speeds.



High-Efficiency Coil

Provides exceptional heat transfer and low air resistance for high-efficiency operation that can lower your cooling cost.

Autonomous Learning Control Technology

Adjust the output capacity intelligently to maintain the temperature at your setting without fluctuation. So whether summer or winter, you will have the same comfortable living condition.

Variable-Capacity Inverter Compressor

Can adjust output to any level between 25% and 110% in increments of 1%, to perfectly cool your home with minimal energy, operating with R410A refrigerant.

Notes:

- Nominal capacities are based on ARI standards 210/240-89, air entering the indoor coil operating at high fan speed for 220V setting.
Cooling: 80/67 ° F (27/19° C) DB/WB indoor & 95° F (35° C) outdoor ambient temperature.
- Ratings are based on indoor and outdoor connected by 25ft (7.5m) of tubing.
- Field-installed Thermal Expansion Valve is required.
- Flare fittings are provided for connecting indoor and outdoor units.
- Insulation of both liquid and suction line is required (heat pump model only).
- Outdoor units are shipped with full operating charge.
- For details of model number nomenclature, please refer to publication OMGNM-0320.



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