

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



## IEWV SERIES

### High Wall Air Conditioner 50 Hz Inverter Split Cooling Unit

Cooling Nominal: 9,000 ~ 24,000 BTU/h (2.2~7.1 kW)  
Cooling Range: 1,365 ~ 24,000 BTU/h (0.4~7.1 kW)

### Product Features

- ✓ Up to 18 SEER in Cooling Mode.
- ✓ Cooling down to 1,365 BTU/h.
- ✓ Auto Restart.
- ✓ Latest Technologies Inverter Control.
- ✓ Self-Diagnosis.
- ✓ Anti-Mildew Dry Technology.
- ✓ Low Voltage Start Up.
- ✓ LED Backlight.
- ✓ R410A Refrigerant.
- ✓ Soft Start.

### Indoor Unit Features

- ✓ Super Quiet.
- ✓ Wireless LCD Remote Control.
- ✓ Auto Setting for Cooling, Dehumidifying, Fan.
- ✓ Sleep Mode.
- ✓ Auto Swing (Louver).
- ✓ Turbo Cooling Function.
- ✓ 24 Hours Timer.
- ✓ Washable High Density Filter.
- ✓ 2 Meters Drain Hose.
- ✓ 2 Ways Drain Connection (Left & Right).
- ✓ Removable & Washable Panel.
- ✓ Dimmer on Display Panel.

### Outdoor Unit Features

- ✓ DC Inverter Rotary Compressor.
- ✓ Designed for Cooling up to 110F° ambient.
- ✓ Super Quiet Operation.
- ✓ High Efficiency Coils with cooper tubes/Aluminum Fins.
- ✓ Corrosion resisting cabinet with Protective Coating.
- ✓ Soft Start for all Models.
- ✓ Groved Copper Tubes.
- ✓ Compressor Overload Protection.
- ✓ Over Current Protection.
- ✓ Discharge High Temperature Protection.
- ✓ Time Delay Protection.
- ✓ Low Voltage Startup.
- ✓ 3 Meters Cu/Cu Insulated Pipe Kit.
- ✓ 3.5 Meters Connecting Cable.



# OMEGA INVERTER TECHNOLOGY

INVERTER  
TECHNOLOGY  
EXPERT

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## INDOOR UNIT

MODEL NO.	IEWV	009I 3A-YWI022	012I 3A-YWI036	018I 3A-YWH056	024I 3A-YWH071
Cooling Capacity	Nominal	9,000 (2.2)	12,000 (3.6)	18,000 (5.6)	24,000 (7.1)
BTU/h (kW)	Minimum	1,365 (0.4)	1,875 (0.55)	3,410 (1.0)	4,775 (1.4)
	Maximum	11,260 (3.3)	13,650 (4.0)	22,860 (6.7)	23,885 (7.0)
Efficiency	SEER	18.1	18.0	17.4	17.4
Refrigerant Control	Capillary Tube				
Fan	Type	Cross-Flow Fan			
	Speed	4			
	Air Flow CFM (m³/hr) - Hi	312 (530)	388 (660)	500 (850)	500 (850)
	Noise Level (dbA) Hi/Lo	39/21	42/26	47/30	48/31
	Motor (W)	18	22	40	40
Coil Type:	Grooved Copper Tubes - Aluminum Slit Fin				
Air Filter	Cleanable Cartridge Type				
Electrical	Voltage	220~240V - 1Ph @ 50Hz			
	Range	min 187~max 253			
	FLA	0.08	0.10	0.18	0.18
Controls	LCD Wireless Remote Control				
Refrigerant Connections inches (mm)	See Outdoor Unit Data				
Drain Connections inches (mm)	1/2 (12)				
Dimensions inches (mm)	Height	11 (279)	11 1/2 (291)	11 7/8 (302)	11 7/8 (302)
	Width	31 1/8 (792)	33 1/2 (850)	38 3/8 (972)	38 3/8 (972)
	Depth	7 3/4 (195)	8 (203)	8 7/8 (224)	8 7/8 (224)
Net Weight	lbs (kgs)	19.8 (9)	22.0 (10.0)	29.8 (13.5)	29.8 (13.5)

## OUTDOOR UNIT

MODEL NO.	ICHV	009I 3A-YSI022	012I 3A-YSI036	018I 3A-YSH056	024I 3A-YSH071
Compressor Type	Rotary				
Outdoor Fan	No of Fans	1	1	1	1
	Noise Level (dbA)	50	51	53	54
Coil Type:	Grooved Copper Tubes - Aluminum Slit Fin				
Electrical	Voltage	220~240-1Ph @ 50Hz			
	Range (min-max)	min 187~max 253			
	Compressor (RLA)	3.5	3.5	6.1	8.1
	Cooling Pwr. Input Nom. (W)	810	1100	1735	2120
	Min. Circuit Amps (MCA)	4.46	4.48	7.81	10.3
	Max Fuse Amps (MOCP)	8.0	8.0	13.9	18.4
Refrigerant R410A ( oz./kgs. )	22.9 / 0.65      26.5 / 0.75      30.7 / 0.87      45.9 / 1.3				
Refrigerant Connections inches (mm)	Type	Flare			
	Liquid	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
	Suction	3/8 (9.52)	3/8 (9.52)	1/2 (12.7)	5/8 (15.9)
Max Pipe Distance ft. (m)	Height	33 (10)			
	Length	66 (20)		82 (25)	
Dimensions inches (mm)	Height	21 1/4 (540)	21 1/4 (540)	23 5/8 (598)	23 5/8 (598)
	Width	32 3/4 (830)	32 3/4 (830)	35 (890)	35 (890)
	Depth	12 7/8 (325)	12 7/8 (325)	14 5/8 (372)	14 5/8 (372)
Net Weight	lbs (kgs)	60.6 (27.5)	61.7 (28)	79.4 (36)	88.2 (40)

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IEWV



ICHV



Standard Wireless Controller

### 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.
- Refrigerant metering device is installed at the outdoor unit as standard.
- Flare fittings are provided for connecting indoor and outdoor units.
- Insulation of both liquid and suction line is required.
- Outdoor units are shipped with full operating charge.
- For details of model number nomenclature, please refer to publication OGMNM-0520.



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ISO 14001 ISO 9001

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