



OMEGA INVERTER TECHNOLOGY

INVERTER
TECHNOLOGY
EXPERT

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



IEWM-ICHM SERIES

High Wall Air Conditioner 50 Hz

Inverter Split Cooling Only Unit

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

Cooling Range: 3,400 ~ 24,000 BTU/h (0.4~7.1 kW)

Product Features

- ✓ Up to 18 SEER in Cooling Mode.
- ✓ Cooling down to 3,400 BTU/h.
- ✓ Auto Restart.
- ✓ Latest Technologies Inverter Control.
- ✓ Self-Diagnosis.
- ✓ Gold Fin 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.
- ✓ Self-Cleaning Gold Fin Technology
- ✓ Washable High Density Filter.
- ✓ 2 Meters Drain Hose.
- ✓ 2 Ways Drain Connection (Left & Right).
- ✓ Removable & Washable Panel.
- ✓ Multi-Functional 3-1 Filter (Opt.)
- ✓ Ionzer (Opt.)
- ✓ Wifi

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.



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ISO 14001 ISO 9001

A Product of
OMEGA
Environmental
Technologies LLC.
www.otecomega.com

www.omegainverter.com

Note: Design, specification and performance data is subject to change without notice

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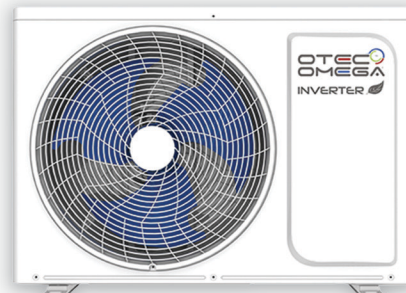
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IEWM



ICHM



Standard
Wireless Controller

Notes:

1. 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.
2. Ratings are based on indoor and outdoor connected by 25ft (7.5m) of tubing.
3. Refrigerant metering device is installed at the outdoor unit as standard.
4. Flare fittings are provided for connecting indoor and outdoor units.
5. Insulation of both liquid and suction line is required.
6. Outdoor units are shipped with full operating charge.

INDOOR UNIT					
MODEL NO.	IEWM	009I 3A-CWJ022LCI	012I 3A-CWJ035LCI	018I 3A-CWJ053LCI	024I 3A-CWJ071LCI
Cooling Capacity BTU/h (kW)	Nominal	9,000 (2.2)	12,000 (3.6)	18,000 (5.6)	24,000 (7.1)
	Minimum	3,400 (0.9)	3,450 (1.0)	4,260 (1.2)	4,800 (1.4)
	Maximum	11,300 (3.3)	12,800 (3.7)	19,800 (5.8)	26,000 (7.6)
Efficiency (Energy Class)		A	A	A	A
Refrigerant Control		Capillary Tube			
Fan	Type	Cross-Flow Fan			
	Speed	4			
	Air Flow CFM (m³/hr) - Hi	295 (500)	324 (550)	482 (820)	676 (1150)
	Noise Level (dB(A) Hi/Lo	40/34	42/36	44/35	46/37
	Motor (W)	30	35	60	110
Coil Type:		Grooved Copper Tubes - Aluminum Slit Gold Fin			
Air Filter		Cleanable Cartridge Type			
Electrical	Voltage	220~240V - 1Ph @ 50Hz			
	Range	min 187~max 253			
FLA		0.14	0.16	0.27	0.50
Controls		LCD Wireless Remote Control			
Refrigerant Connections inches (mm)		See Outdoor Unit Data			
Drain Connections inches (mm)		1/2 (12)			
Dimensions inches (mm)	Height	10 5/8 (270)	10 5/8 (270)	11 3/4 (295)	12 1/2 (319)
	Width	27 5/8 (700)	31 3/4 (805)	35 3/4 (908)	40 3/8 (1025)
	Depth	7 7/8 (198)	7 7/8 (197)	8 5/8 (220)	8 7/8 (223)
Net Weight		15.4 (7)	17.6 (8)	22 (10)	28.6 (13)
OUTDOOR UNIT					
MODEL NO.	ICHM	009I 3A-CTJ022GF	012I 3A-CTJ035GF	018I 3A-CTJ053GF	024I 3A-CTJ053GF
Compressor Type		Rotary			
Outdoor Fan	No of Fans	1	1	1	1
	Noise Level (dB(A)	47	50	54	54
Coil Type:		Grooved Copper Tubes - Aluminum Slit Gold Fin			
Electrical	Voltage	220~240-1Ph @ 50Hz			
	Range (min-max)	min 187~max 253			
	Compressor (RLA)	3.8	5.3	6.8	7.3
	Cooling Pwr. Input Nom. (W)	821	1095	1633	2170
	Min. Circuit Amps (MCA)	4.89	6.78	8.77	9.6
	Max Fuse Amps (MOCP)	6.0	10.0	15.0	15.0
Refrigerant R410A (oz./kgs.)		21.5 / 0.61	24.7 / 0.7	32.8 / 0.93	51.1 / 1.45
Refrigerant Connections inches (mm)	Type	Flare			
	Liquid	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
Max Pipe Distance ft. (m)	Suction	3/8 (9.52)	3/8 (9.52)	1/2 (12.7)	5/8 (15.9)
	Height	29.5 (9)		39.3 (12)	
Dimensions inches (mm)	Length	16.4 (5)		22.9 (7)	
	Height	20 7/8 (530)	20 7/8 (530)	22 (560)	22 (560 mm)
Net Weight	Width	26 (660)	26 (660)	30 3/4 (780)	30 3/4 (780)
	Depth	9 8/7 (250)	9 8/7 (250)	10 5/8 (270)	10 5/8 (270)
lbs (kgs)		41.8(19)	46.2(21)	55(25)	59.4(27)



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