

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



IEWQ009 - 024

IEWQ SERIES

High Wall Air Conditioner 50 Hz
Inverter Split Cooling Unit

Cooling Nominal: 9,000~36,000 BTU/h (2.7~10.5 kW)
Cooling Range: 1,705~35,825 BTU/h (0.5~10.5 kW)

Product Features

- ✓ 18 SEER in Cooling Mode.
- ✓ Cooling down to 1,705 BTU/h.
- ✓ Auto Restart.
- ✓ Latest Technology 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-Hour Timer.
- ✓ Washable High Density Filter.
- ✓ 2-Meter Drain Hose.
- ✓ 2-Way Drain Connection (Left & Right).
- ✓ Removable & Washable Panel.
- ✓ Dimmer on Display Panel.

Outdoor Unit Features

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



IEWQ036



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INDOOR UNIT

MODEL NO.	IEWQ	009I 3A-RWI026	012I 3A-RWI035	018I 3A-RWI053	024I 3A-RWI070	036J 3A-RWI100
Cooling Capacity BTU/h (kW)	Nominal	9,000 (2.7)	12,000 (3.5)	18,000 (5.3)	24,000 (7.0)	36,000 (10.5)
	Minimum	1,705 (0.5)	2,050 (0.6)	5,800 (1.7)	8,530 (2.5)	5,800 (1.7)
	Maximum	10,920 (3.2)	13,650 (4.0)	19,110 (5.6)	23,885 (7.0)	35,825 (10.5)
Efficiency	SEER	18.0				
Refrigerant Control		Capillary Tube				
Fan	Type	Cross-Flow Fan				
	Speed	4				
	Air Flow CFM (m³/hr) - Hi	330 (560)	355 (600)	500 (850)	650 (1100)	940 (1600)
	Noise Level (dB) Hi/Lo	38/28	41/29	47/35	46/36	57/40
	Motor Input (W)	40	40	70	70	140
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	0.18	0.18	0.32	0.32	0.64
Controls		LCD Wireless Remote Control				
Refrigerant Connections inches (mm)		See Outdoor Unit Data				
Drain Connections inches (mm)		3/4 (19.6)				
Dimensions inches (mm)	Height	10 7/8 (275)	11 3/8 (289)	11 7/8 (300)	12 7/8 (325)	12 7/8 (326)
	Width	31 1/8 (790)	33 1/4 (845)	38 1/4 (970)	42 1/2 (1078)	53 1/8 (1350)
	Depth	7 7/8 (200)	8 1/4 (209)	8 7/8 (224)	9 3/4 (246)	10 (253)
Net Weight	lbs (kgs)	19.0 (9.0)	24.3 (11.0)	29.8 (13.5)	35.3 (16.0)	40.8 (18.5)

OUTDOOR UNIT

MODEL NO.	ICHQ	009I 3A-RLI026	012I 3A-RLH035	018I 3A-RLH053	024I 3A-RLH070	036J 3A-RLH100
Compressor Type		Rotary				
Outdoor Fan	No of Fans	1	1	1	1	1
	Noise Level (dba)	49	51	54	56	57
Coil Type:		Grooved Copper Tubes - Aluminum Slit Fin				
Electrical	Voltage	220-240V - 1Ph @ 50Hz				
	Range (min-max)	min 187-max 253				
	Compressor (RLA)	4.5	4.5	7.2	7.2	12.5
	Cooling Pwr. Input Nom. (W)	825	1090	1640	2010	2420
	Min. Circuit Amps (MCA)	5.9	5.9	9.5	9.6	16.3
	Max Fuse Amps (MOCP)	10.4	10.4	16.7	16.8	28.8
Refrigerant R410A (oz./kgs.)		26.1 / 0.74	35.2 / 1.00	42.2 / 1.20	47.5 / 1.35	81.0 / 2.30
Refrigerant Connections inches (mm)	Type	Flare				
	Liquid	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
	Suction	3/8 (9.53)	3/8 (9.53)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)
Max Pipe Distance ft. (m)	Height	32.8 (10.0)	32.8 (10.0)	32.8 (10.0)	32.8 (10.0)	32.8 (10.0)
	Length	49.2 (15.0)	65.6 (20.0)	82.0 (25.0)	82.0 (25.0)	82.0 (25.0)
Dimensions inches (mm)	Height	21 5/8 (550)	21 5/8 (550)	23 1/2 (596)	27 5/8 (700)	31 1/8 (790)
	Width	28 (710)	28 (710)	35 3/8 (899)	38 (965)	39 1/2 (1003)
	Depth	12 1/2 (318)	12 1/2 (318)	14 7/8 (378)	15 5/8 (396)	16 7/8 (427)
Net Weight	lbs (kgs)	60.6 (27.5)	69.4 (31.5)	81.2 (40.0)	99.2 (45.0)	143.3 (65.0)

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IEWQ036



ICHQ



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-0321.



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