

OMEGA Inverter Mini-Split

SUBMITTAL DATA

220-240V/1/50Hz

Job: _____
 Location: _____
 Schedule No.: _____
 System Designation: _____

Engineer: _____
 Architect: _____
 Date: _____
 For: Reference Approval Review Construction

FEATURES

Outdoor Unit Features

- DC Inverter Rotary Compressor
- Corrosion-Resistant Cabinet
- High-Efficiency Coils
- Soft Start for all Models
- Super Quiet Operation
- Low-Voltage Startup

Indoor Unit Features

- Turbo Cooling Function
- Washable High-Density Filter
- Super Quiet
- Auto Swing (Louver)
- Up to 18 SEER in Cooling Mode
- Anti-Mildew Dry Technology



1. Specifications

IEWQ Mini Split IDU



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 (dbA) 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)	19.8 (9.0)	24.3 (11.0)	29.8 (13.5)	35.3 (16.0)	40.8 (18.5)

NOTES

1. The cooling conditions: indoor side 27°C(80.6°F) DB, 19°C(60°F)WB outdoor side 35°C(95°F) DB.
2. The heating conditions: indoor side 20°C(68°F) DB, 15°C(44.6°F)WB outdoor side 7°C(42.8°F)DB.
3. Sound level: measured at a point 1 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. The company reserves the right to revise product technical parameter without having to notify the clients individually.

1. Specifications

ICHQ Mini Split ODU



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	
	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	Type	Flare				
inches (mm)	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)

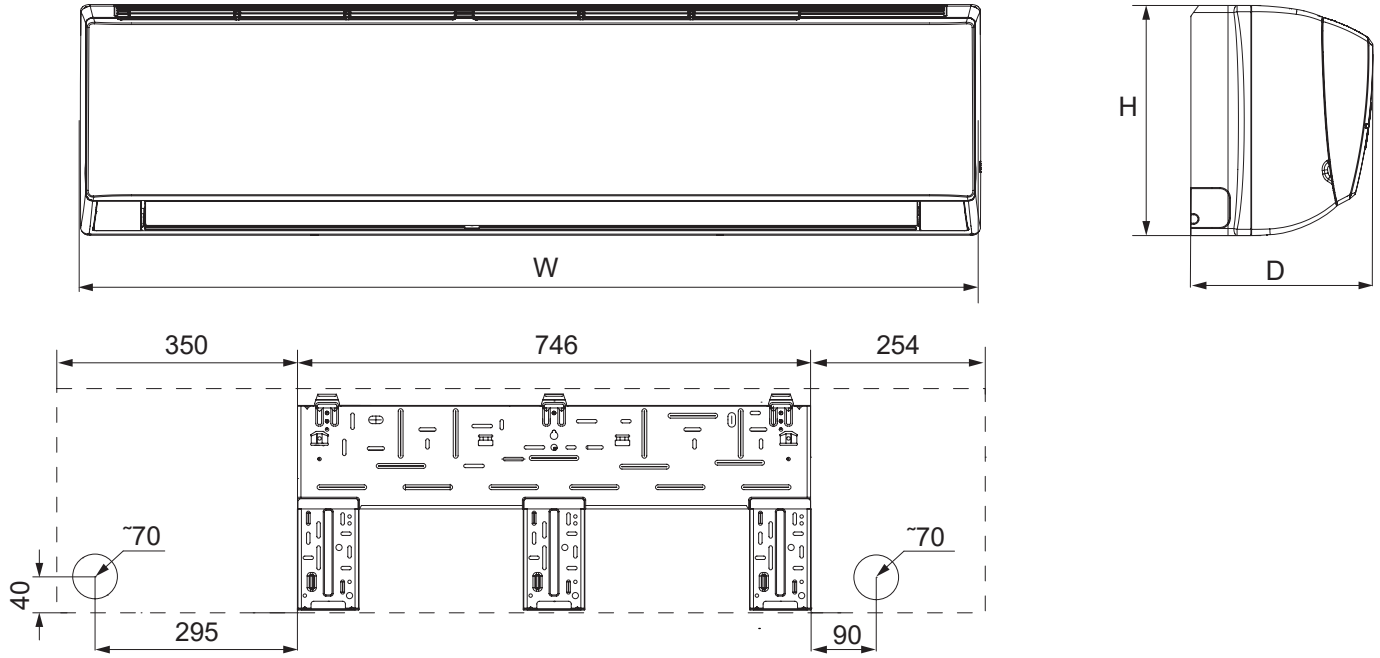
4. The company reserves the right to revise product technical parameter without having to notify the clients individually.

2. Dimensional Drawings

2.1 Indoor Unit

Unit:mm

IEWQ036J3A-RWI100



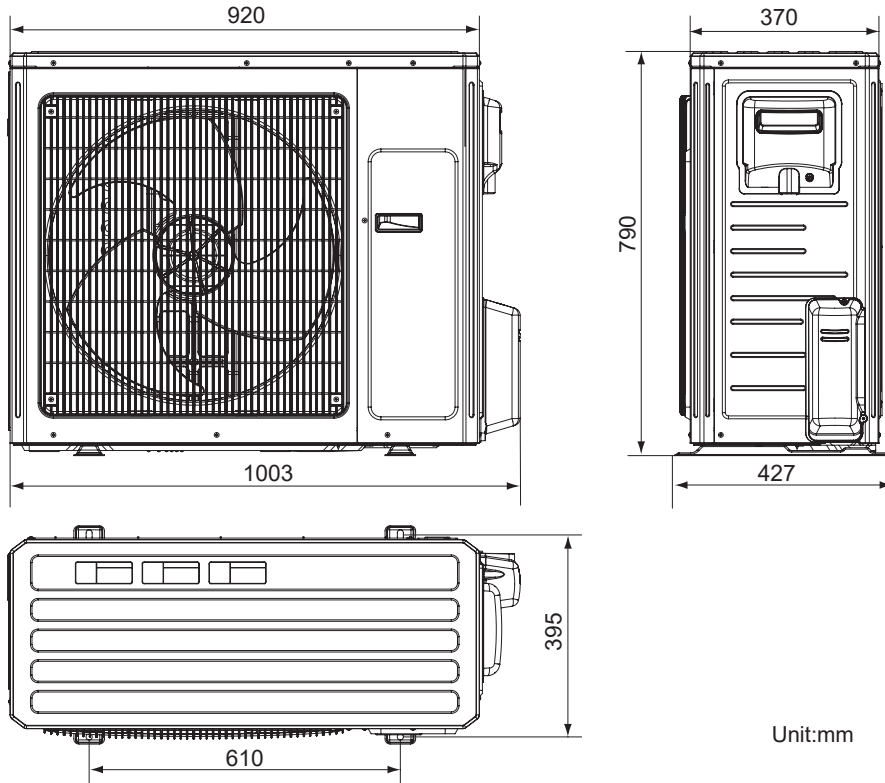
Unit:mm

Model	W	H	D
36K	1350	326	253

2. Dimensional Drawings

Unit:mm

ICHQ036J3A-RLH100



Unit:mm