

OMEGA MEDIUM E.S.P. DUCTED INVERTER SPLIT

SUBMITTAL DATA

208-240V/1/60Hz

- Build in Drain Pump
- Under/Over Voltage Protector
- High Efficiency Coils with Hydrophilic Fins
- Electronic Expansion Valve
- DC Inverter Rotary Compressor
- Easy Connect Flare Connections

Job: Anguilla Community College

Location: Anguilla

Schedule No.: 20331

System Designation:

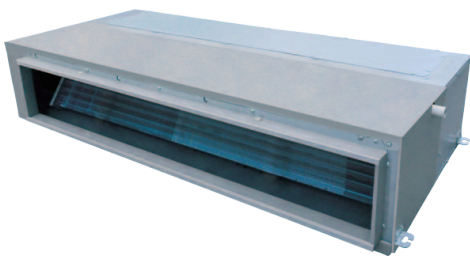
Engineer:

Architect:

Location:

Date:

For Reference Approval Review Construction



1. Specifications

INDOOR UNIT		
MODEL NO.	IEMP036N2A-GWG100	
Cooling Capacity Btuh (kw)	Nominal	36,000 (10.0)
	Minimum	11,940 (3.5)
	Maximum	36,000 (10.0)
Efficiency	SEER	16 (4.69)
Refrigerant Control		Electronic Expansion Valve @ Outdoor Unit
Fan	Type	Coaxial Turbo Fan
	Speed / QTY	3 / 1
	Air Flow CFM (m ³ /hr) - Hi	678.5 (1150)
	Noise Level (dbA) Lo/Hi	33 /46
Coil Type:		Grooved Copper Tubes - Aluminum Blue Slit Fin
Air Filter		Cleanable Cartridge Type
Electrical	Voltage-Phase-Frequency	208-230/1/60
	Range (min-max)	198 ~ 264
	FLA	0.8
Controls		Wired Remote Control
Refrigerant Connections inches (mm)		See Outdoor Unit Data
Drain Connections inches (mm)		1 (25)
Body Dimensions in (mm)	Height	10 1/4 (260)
	Width	46 7/8 (1190)
	Depth	25 3/8 (643)
Body Net Weight Lbs (kgs)		72.6 (33)
OUTDOOR UNIT		
MODEL NO.	ICHF036N2A-GMG100	
Compressor Brand / Type		Mitsubishi / DC Inverter Rotary
Outdoor Fan	No of Fans	1
	Noise Level (dbA)	57
Coil Type:		Grooved Copper Tubes - Aluminum Blue Slit Fin
Compressor	Rated Amps (RLA)	8.7
	Power Input Nom. (W)	2150
Electrical	Voltage-Phase-Frequency	208-230/1/60
	Range (min-max)	198 ~ 264
	Min. Circuit Amps (MCA)	18
	Max Fuse Amps (MOCP)	25
Refrigerant R410 (oz./kgs.)		98.8 / 2.8
Refrigerant Connections inches (mm)	Type	Flare
	Liquid	3/8 (9.52)
	Suction	5/8 (15.88)
MAX Pipe Distance Ft.(m)	Height	65.6 (20)
	Length	82 (25)
Dimensions inches (mm)	Height	29 1/4 (744)
	Width	38 1/8 (968)
	Depth	17 (432)
Net Weight	Lbs (kgs)	145.5 (66)

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.

2-DIMENSIONAL DRAWINGS - (MM)

Medium E.S.P. Ducted Indoor Unit

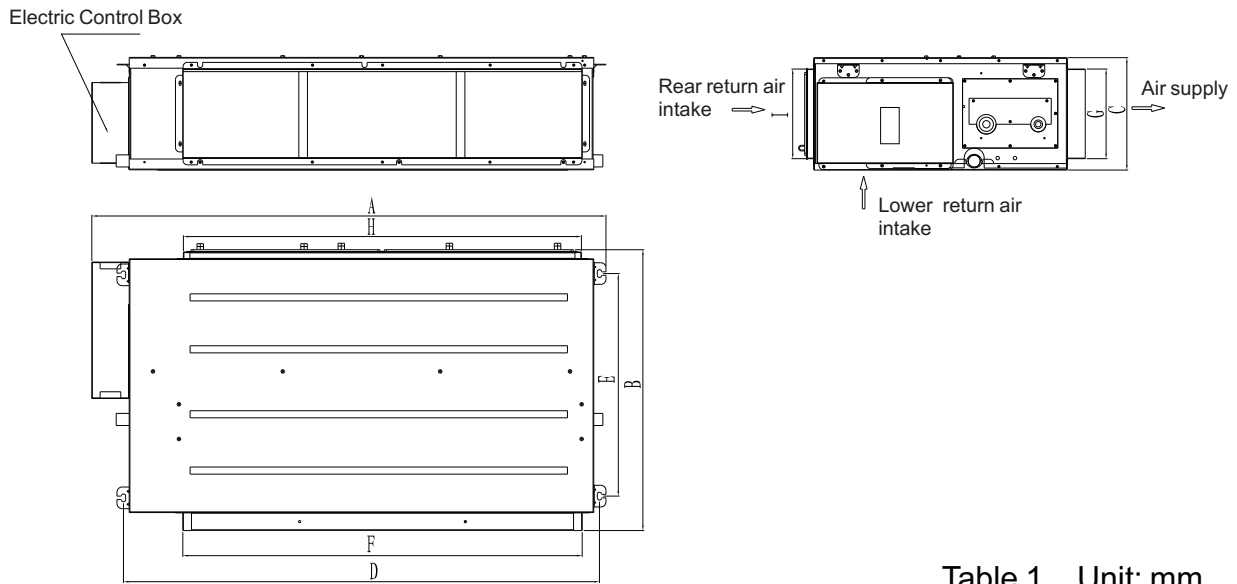


Table 1 Unit: mm

Indoor unit capacity	Dimension Data	Device body dimension			Installation Device body		Air outlet dimension		Return air intake dimension	
		A	B	C	D	E	F	G	H	I
IEMP036N2A		1190	643	260	1100	515	920	207	920	207

Side Discharge Outdoor Unit

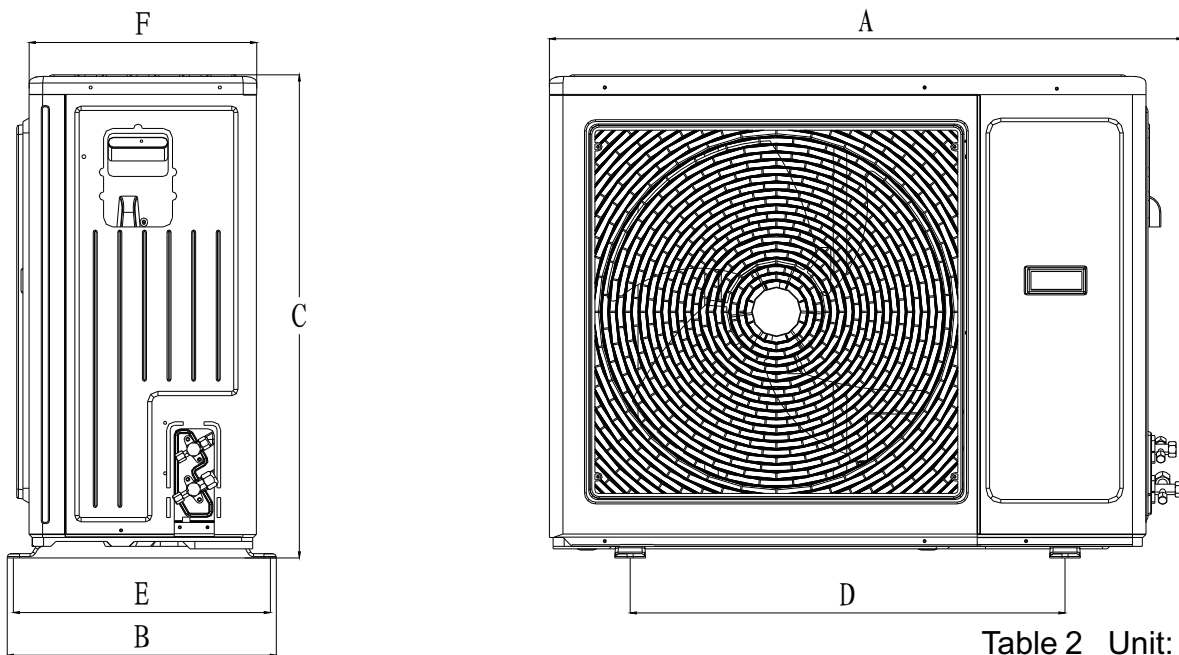


Table 2 Unit: mm

Outdoor unit capacity	Dimension Data	A	B	C	D	E	F
		ICHF036N2A	1030	432	788	707	389