

OMEGA 4 Way Cassette 3D Inverter Split

SUBMITTAL DATA

208-240V/1/50-60Hz

- Electronic Expansion Valve
- PFC & IPM Module Protection
- Phase Loss & Overcurrent Protector
- DC Inverter Twin-Rotary Compressor
- High Efficiency Coils with Hydrophilic Fins
- High and Low Pressure Protection

Job: Seguro Social

Location: Costa Rica

Schedule No.: 20523

System Designation:

Engineer:

Architect:

Location:

Date: 06/01/20

For Reference Approval Review Construction



1. Specifications

INDOOR UNIT			
MODEL NO.	IDU	TECM018P0A-RWI053	
Cooling Capacity BTU/h (kW)	Nominal	18,000 (5.3)	
	Minimum	5,459 (1.60)	
	Maximum	19,789 (5.80)	
Heating Capacity BTU/h (kW)	Nominal	19,000 (5.60)	
	Minimum	4,776 (1.40)	
	Maximum	22,178 (6.50)	
Efficiency	SEER	BTU/h / W (W/W)	17 (5.0)
Refrigerant Control			Electronic Expansion Valve @ Outdoor Unit
Fan	Type	Coaxial Turbo Fan	
	Speed	3	
	Air Flow CFM (m³/hr) - Hi	447 (760)	
	Noise Level (dbA) Hi/Lo	46 / 37	
	Motor (Watts)	40	
Coil Type:			Grooved Copper Tubes - Aluminum Blue Slit Fin
Air Filter			Cleanable Cartridge Type
Electrical	Voltage-Phase-Frequency		220/240-1-N/A(3D)
	Range		min 198 - max 264
	FLA		0.18
Controls			LCD Wireless Remote Control
Refrigerant Connections inches (mm)			See Outdoor Unit Data
Drain Connections inches (mm)			1 (25)
Body Dimensions inches (mm)	Height	9 3/4 (240)	
	Width	23 3/8 (596)	
	Depth	23 3/8 (596)	
Body Net Weight Lbs (kgs)			44 (20)
Panel Dimensions inches (mm)	Height	2 (50)	
	Width	26 3/8 (670)	
	Depth	26 3/8 (670)	
Panel Net Weight Lbs (kgs)			7.7 (3.5)
OUTDOOR UNIT			
MODEL NO.	ODU	TCHE018P0A-RLI053	
Compressor Type			DC Inverter Rotary
Outdoor Fan	No of Fans	1	
	Noise Level (dbA)	56	
Coil Type:			Grooved Copper Tubes - Aluminum Blue Slit Fin
Electrical	Voltage-Phase-Frequency		220/240-1-N/A(3D)
	Range (min-max)		198 - 264
	Running Amps (RLA)		7.2
	Cooling Pwr. Input Nom. (W)		1440
	Min. Circuit Amps (MCA)		9.4
	Max Fuse Amps (MOCP)		15
Refrigerant R410 (oz./kgs.)			45 / 1.4
Refrigerant Connections inches (mm)	Type	Flare	
	Liquid	1/4 (7)	
	Suction	1/2 (12)	
MAX Pipe Distance Ft.(m)	Height	49 (15)	
	Length	66 (20)	
Dimensions inches (mm)	Height	27 5/8 (700)	
	Width	37 1/2 (955)	
	Depth	15 3/8 (396)	
Net Weight	Lbs (kgs)	103.4 (47)	

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)

IDU: Dimensions

- TECM018J0A-RWI053

Dimensions and Duct Sizes

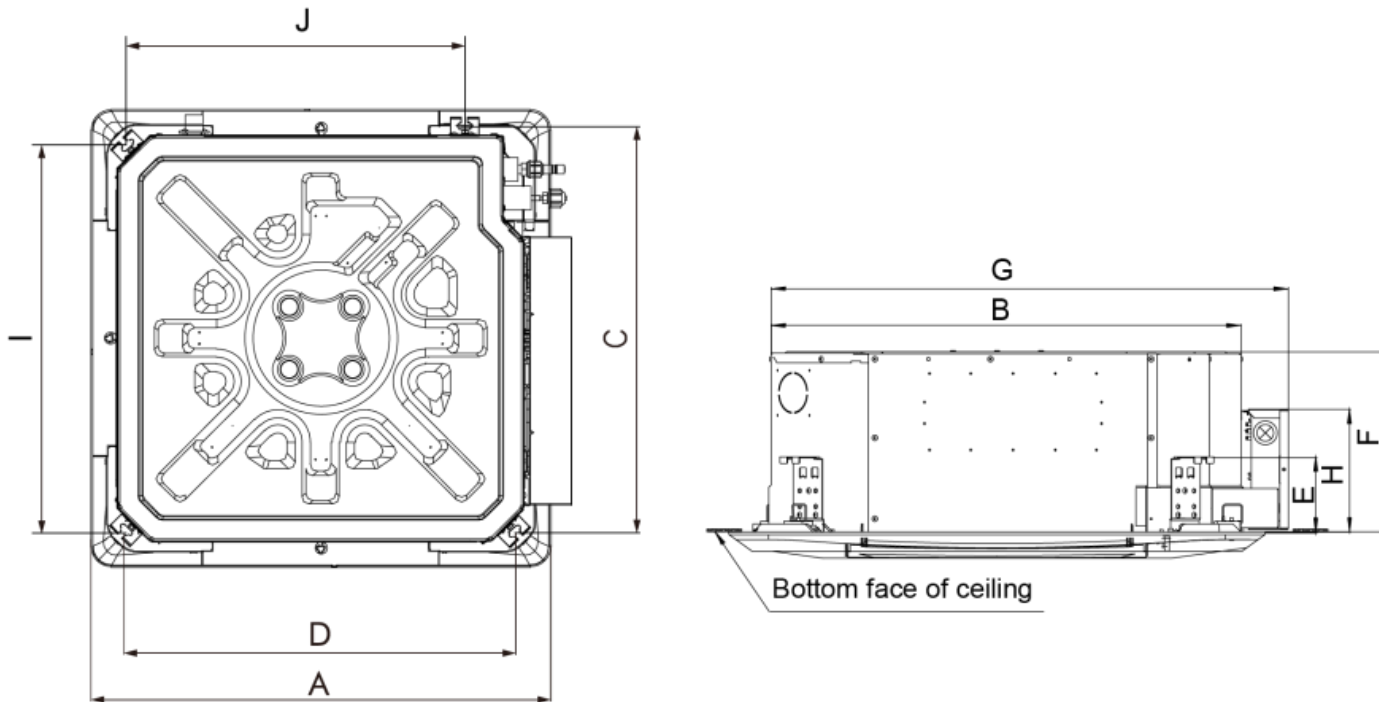


TABLE 1:Dimensions

Unit: mm

Model \ Item	A	B	C	D	E	F
TECM018J0A-RWI053	670	596	592	571	145	240

3-DIMENSIONAL DRAWINGS - (MM)

ODU: Dimensions

- TCHE018J0A-RLI053

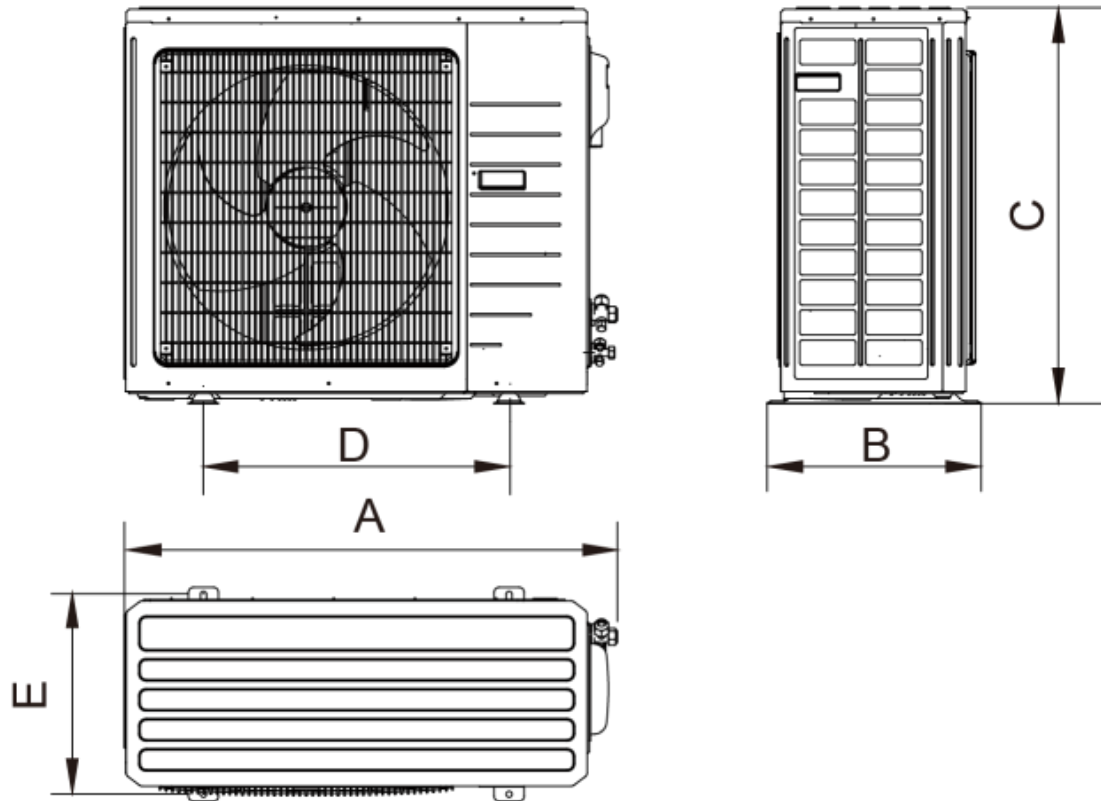


TABLE 1:Dimensions

Unit: mm

Item	A	B	C	D	E
Model TCHE018J0A-RLI053	955	396	700	560	360