



SUBMITTAL DATA

TM18D6ECI
18000 BTU/H Cassette Heat Pump System

Job Name	Location	Date
Purchaser	Engineer	
Submitted to	For	
Unit Designation	Schedule No.	



YBE1FB5F



TM18D6ECI

GENERAL FEATURES

- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- 4 - Way Discharge Air
- Swing Louver Control
- Internal Condensate Drain Pump
- Wireless Remote with LCD Display Included
- Low Ambient Cooling and Heating
- (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested
- New R32 Refrigerant with Refrigerant Sensor

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

INDOOR MODEL		TM18D6ECI	
System Type		HEAT PUMP	
SYSTEM PERFORMANCE			
Cooling	Min - Max	Btu/h	5,100 - 23,200
	Capacity @95°F	Btu/h	18,000
Heating	Min - Max	Btu/h	5,800 - 23,500
	Capacity @47°F	Btu/h	18,000
	Capacity @17°F	Btu/h	12,500
	Capacity Max @5°F	Btu/h	12,600
SEER2		21.0	
EER2		10.9	
HSPF2		9.0	
COP @5°F		1.80	
Cooling Temperature Range		°F	-20 - 122
Heating Temperature Range		°F	-22 - 86
Refrigerant Type		R32	
INDOOR UNIT		TM18D6ECI	
Air flow (Min-Max)		CFM	206 - 383
Sound Pressure Level (Min - Max)		dB(A)	30 - 44
Dehumidification		pt/hr	3.8
External Dimensions (L x D x H)		in	22-7/16 × 22-7/16 × 10-7/16
Package Dimension (L x W x H)		in	27-31/64 × 25-45/64 × 11-39/64
Net Weight		lbs	37.5
Gross Weight		lbs	48.5
CASSETTE GRILLE (REQUIRED)		TF05	
Grille Dimension (L x D x H)		in	24-13/32 × 24-13/32 × 1-7/8
Package Dimension (L x W x H)		in	27-19/32 × 27-19/32 × 4-59/64
Weight (Net / Gross)		lbs	6.6 / 9.9
REFRIGERANT PIPING			
Refrigerant Charge - R410A		oz	40.6
Additional Charge		oz/ft	0.2
Line Set Sized by Indoor Unit (Liquid - Gas)		in	1/4 - 1/2
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 1/2
Pre-Charge Length		ft	25
Pipe Length (Min - Max)		ft	10 - 131
Max. Pipe Elevation		ft	82
ELECTRICAL			
Power Supply		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)	
Voltage Range (Min - Max)		VAC	187 - 253
Rated Current - Cooling		A	11.5
Rated Current - Heating		A	11.5
MCA		A	16
MOCP		A	20
Suggested Breaker Size		A	20
Main Power Wire Size		AWG	Per Local Code
Interconnecting Wire Size		AWG	14 / 4

FEATURES & FUNCTIONS SUMMARY

SYSTEM FEATURES

Inverter Type	G20 with Field Oriented control (FOC)
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Compressor Type - Inverter	High Efficiency Rotary
Basepan With Electric Heater	Yes
Indoor & Outdoor Fin Coating (Blue Fin)	Yes
Intelligent Defrosting	Yes
Intelligent Preheating	Yes
Low Voltage Startup	Yes
Memory/Power Failure Recovery	Yes
Self Diagnosis	Yes
Wired Controller Interface	Yes
WiFi Included	No
Indoor Fan Type	Centrifugal
Multi Fan Speeds	4 Speeds
Indoor Unit Display	Yes
Auxiliary Electrical Heater	No
Ventilation (Outdoor Air)	Yes

REMOTE CONTROLLER FUNCTIONS

Auto Mode	Yes
Auto Fan	Yes
Auto Swing (Horizontal Auto Swing)	No
Auto Swing - 180° (Vertical Auto Swing)	Yes
Clock	Yes
Dry Mode	Yes
Dry Anti-Mildew (X-Fan) Mode	Yes
Energy Saving Mode	Yes
Dirty Filter Alert	No
Fan Speed Control (7 Speeds)	Yes
I Feel Function	Yes
Privacy Lock	Yes
Quiet Mode	Yes
Room Temperature Display	No
Sleep Mode	Yes
3 Sleep Mode Options	Yes
Timer Mode	Yes
Turbo Mode	Yes
Display On/Off Control	Yes
Freeze Guard Mode	Yes
Power Failure Mode	Yes

NOTE:

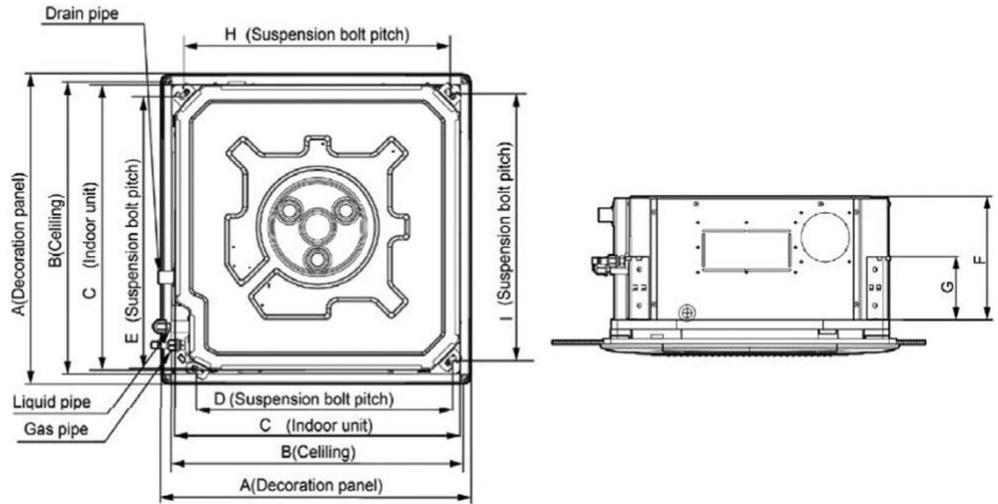
Please check the Multi-zone submittals for Non-Ducted or Mixed Performance table.

DIMENSIONS

INDOOR UNIT

Unit: inch

TM18D6ECI	
DIMENSIONS	
A	24 13/32
B	22 53/64
C	22 7/16
D	19 7/8
E	21 21/32
F	10 7/16
G	5 33/64
H	20 55/64
I	20 55/64



CLEARANCES

INDOOR UNIT

Minimum clearance

