



TOSOT

SUBMITTAL DATA

CONSOLE Indoor Unit 18KBTU

Model: TM18R32EDI

Job Name

Location

Date

Purchaser

Engineer

Submitted to

For

Unit Designation

Schedule No.



GENERAL FEATURES:

- Quiet Operation
- Multi-Speed Fan
- Swing Louvers
- Wireless Remote Controllers
- Remote Control Lockout
- Limited 5 yr. Parts Warranty

Americo HVAC Supply LLC



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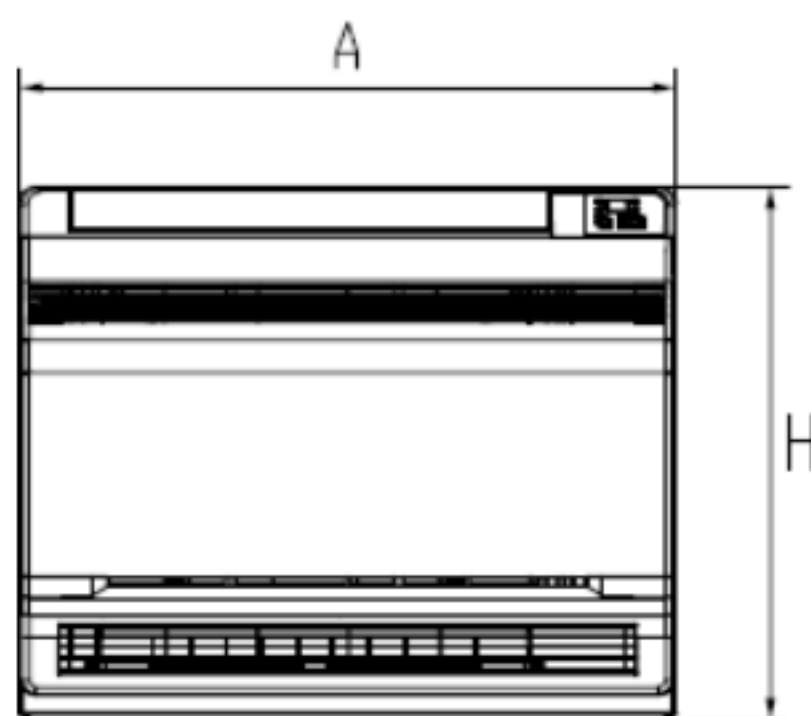


SPECIFICATIONS & FUNCTIONS:

Product Model	TM18R32EDI		Functions	TM18R32EDI
Product Type	--	CONSOLE	Auto	YES
Power Supply	V/Ph/Hz	208-230 /1/60	Cooling	YES
Min/Max. Voltage	V	187/253	Heating	YES
Cooling Capacity	Btu/h	12000	Dehumidify	YES
Heating Capacity	Btu/h	12000	Air Flow	YES
Air Flow Volume	CFM	441/383/353/324/294/265/206	Sleep	Three kinds of sleep curve
Sound Pressure Level	dB (A)	43/40/38/37/35/32/0	Vertical Auto Swing	YES
Sound Power Level	dB (A)	53/50/0/47/0/42/0	Horizontal Auto Swing	NO
Rated Dehumidification Capacity	L/h	1.4	Auto Fan	YES
Dehumidifying Volume	Pint/h	3	Quiet	YES
Cross-sectional Area of Power Cable Conductor	mm ²	0.75	I Feel	YES
Cross-sectional Area of Power Cable Conductor	sq in	0.0012	Intelligent Preheating	YES
Recommended Power Cable (Core)	N	4	Ventilation	NO
Fuse Current	A	3.15	Dry Anti-mildew Design	YES
Fan Type	-	Centrifugal	Several Optional Filters (e.g.: Active Carbon)	Optional
Fan Quantity	-	1	Auto Clean	NO
Fan Diameter-height	mm	φ370×80	Replaceable Front Panel	NO
Motor Model	-	FN30A-ZL	Outdoor Air Available	NO
Motor Insulation Class	-	E	High Static Pressure	NO
Motor Safe Class	-	IP20	Common Static Pressure	NO
Overload Protector	-	3.15	Low Static Pressure	NO
Motor Full Load Amp (FLA)	A	0.14	Timer Feature	YES
Fan Motor Speed (Cooling)	r/min	750/650/600/550/500 /450/350	Memory	YES
Fan Motor Speed (Heating)	r/min	750/650/600/550/500 /450/350	Turbo	YES
Fan Motor Power Output	W	30	Clock	YES
Fan motor running current	A	0.14	Temperature	YES
Evaporator Material	-	Aluminum Fin-copper Tube	Self-Diagnosis	YES
Evaporator Face Area	m ²	0.2	Lock	YES
Evaporator Face Area	sq.ft	2.1528	LCD (No Back Light)	NO
Evaporator Pipe Diameter	mm	6.35	LCD (Back Light)	NO
Evaporator Number of Rows	-	2	LED	YES
Evaporator Tube Pitch(a)×Row Pitch(b)	mm	18×12	Intelligent Defrosting	YES
Evaporator Fin Pitch	mm	1.2	Force Defrosting	YES
Evaporator Fins per Inch (FPI)	-	21	Energy Saving	YES
Evaporator Fin Type	-	louver fin	8°C Heating Mode	YES
Evaporator Fin Color	-	Blue	Turbo Cooling	YES
Evaporator Number of Circuits	-	3in-3out	Low Ambient Cooling	YES
Evaporator Length (L×H×W)	mm	511×396×24	Low Ambient Heating	YES
Evaporator Max. Allowable Pressure	MPa	10	Low Voltage Startup	NO
Air Filter	-	PP-MD20	Multi Speeds	Speed 7
Air Filter Size (L×W/NO.)	inch	21 1/2×15/1	With Access Control System	NO
Standard Software and Controller	-	YAA1FB1F	With Water Pump	NO
Gas Pipe (to indoor unit)	inch	3/8	Switchover Between High and Low Static Pressures	NO
Liquid pipe	inch	1/4	Optional Ambient Temperature Sensor	NO
Connection method	-	Flare Connection	External Electronic Expansion Valve	NO
Drain Connection (outer diameter)	inch	1 1/9		
Dimension of Outline (W×D×H)	inch	27.56×8.47×23.62		
Dimension of Carton Box (L×W×H)	inch	31.02×11.14×27.36		
Dimension of Package (L×W×H)	inch	31.14×11.26×27.95		
Stacked Layers	-	4		
Net Weight	lbs.	33.075		

18,000 BTUH MODEL

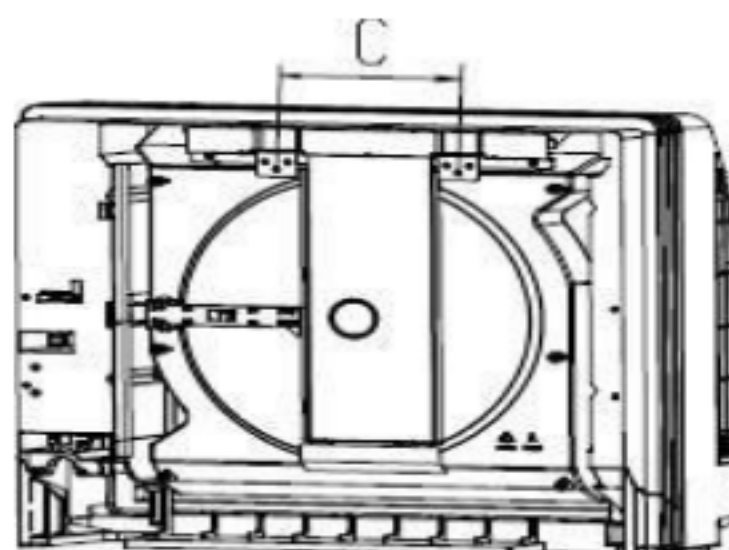
Model # 18,000 BTUH 230V



Front



Side



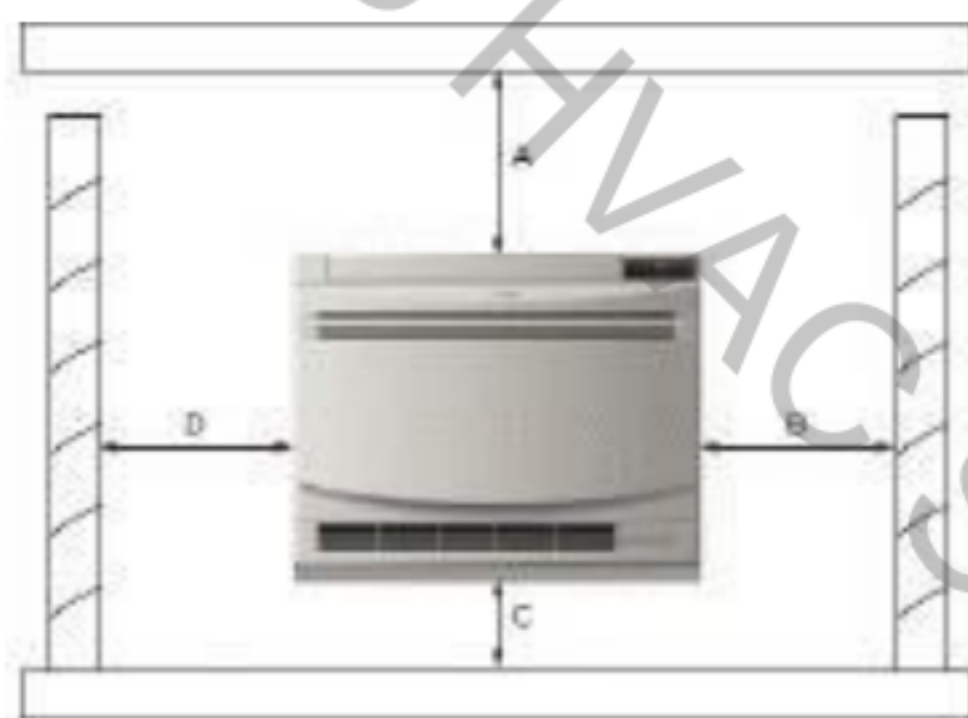
Back

Dimensions

	A	B	C	H
(mm)	700	215	200	600
(inches)	27.6	8.5	7.875	23.6

Note: Size refrigerant lines based on evaporator port

MINIMUM CLEARANCES



MINIMUM INDOOR CLEARANCE inches (mm)

A	B	C	D
60 (1524)	24 (610)	6 (152)	24 (610)

Notes:

1. Recommended Interconnecting Cable Type Stranded Bare Copper Conductors THHN 600V Unshielded Wire
2. Power wiring cable size must comply with applicable national and local codes.
3. Test conditions are based on AHRI 210/240.

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