



TOSOT

SUBMITTAL DATA

8-way Cassette Indoor Unit 18KBTU

Model: TM18R32BKDI

Job Name

Location

Date

Purchaser

Engineer

Submitted to

For

Unit Designation

Schedule No.



GENERAL FEATURES:

- Quiet Operation
- Multi-Speed Fan
- 8-way Discharge Air
- Internal Condensate Drain Pump
- Swing Louver

- Both Wireless & Wired Remote Controllers
- Power Failure Recovery
- Sentry Condensate Overflow Protection
- Decorative Grille (Sold Separately)
- Limited 5 yr. Parts Warranty

Americo HVAC Supply LLC



Tel: +1 877-298-7191
Email: info@tosotclima.com
Website: tosotclima.com

1266 San Luis Obispo Ave.
Hayward, CA. 94544



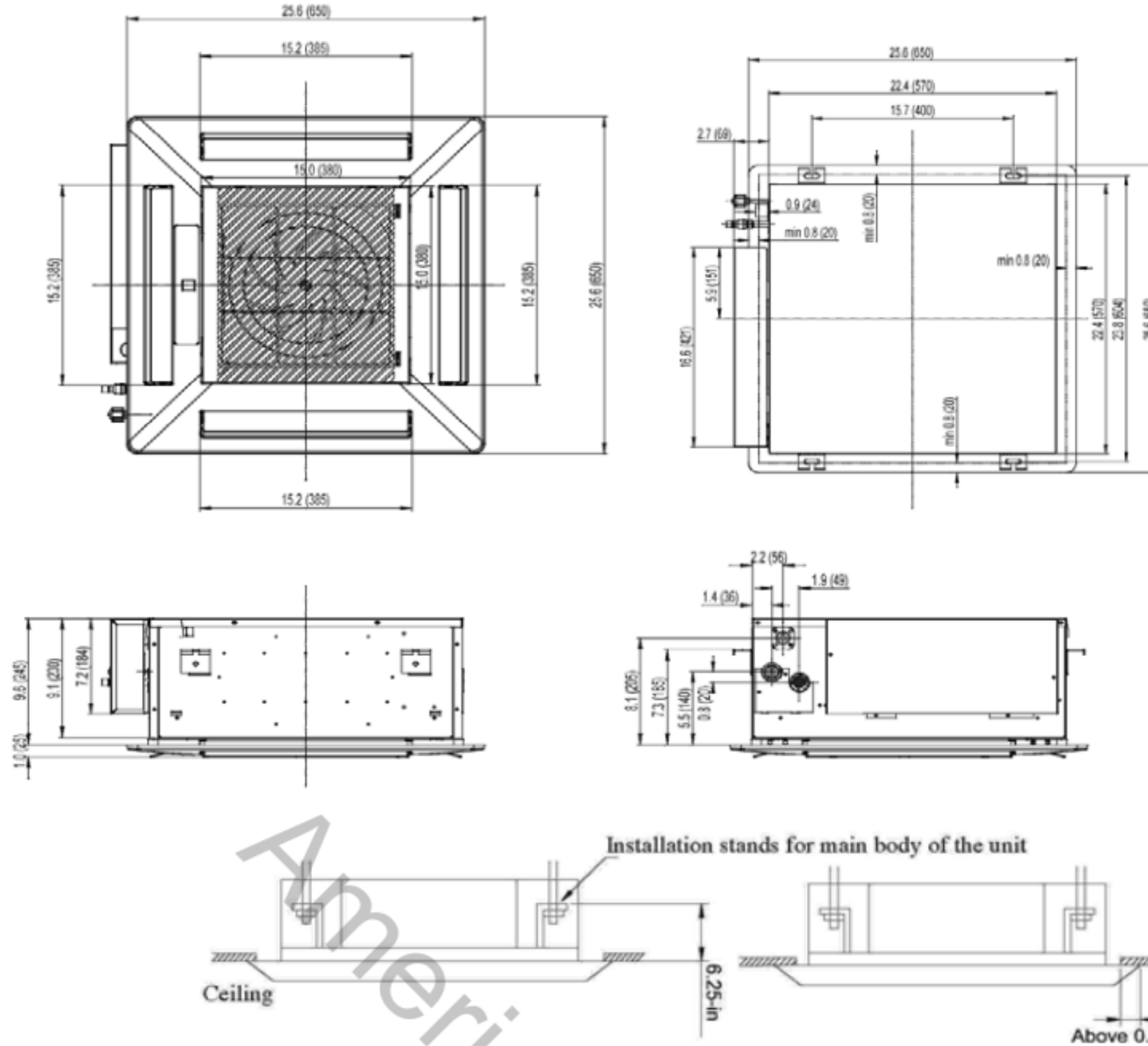
SPECIFICATIONS & FUNCTIONS:

Product Model			TM18R32BKDI	Functions		TM18R32BKDI
Product Type	--		Cassette	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		14400	Dehumidify		YES
Heating Capacity	Btu/h		16000	Air Flow		YES
Air Flow Volume	CFM	383/318/288/265/247/224/206		Sleep		Three kinds of sleep curve
Sound Pressure Level	dB (A)	43/38/35/34/32/30/29		Vertical Auto Swing		YES
Rated Dehumidification Capacity	L/h	1.8		Horizontal Auto Swing		NO
Dehumidifying Volume	Pint/h	3.8		Auto Fan		YES
Cross-sectional Area of Power Cable Conductor	mm ²	0.82		Quiet		YES
Cross-sectional Area of Power Cable Conductor	sq in	0.001271		I Feel		YES
Recommended Power Cable (Core)	N	4		Intelligent Preheating		YES
Fuse Current	A	3.15		Ventilation		NO
Fan Type	-	Centrifugal		Dry Anti-mildew Design		YES
Fan Quantity	-	1		Several Optional Filters (e.g.: Active Carbon)		NO
Fan Diameter-height	mm	φ315-162.5		Auto Clean		NO
Motor Model	-	B-FN30C-ZL		Replaceable Front Panel		NO
Motor Insulation Class	-	E		Outdoor Air Available		NO
Motor Safe Class	-	IP20		High Static Pressure		NO
Motor Full Load Amp (FLA)	A	0.97		Common Static Pressure		YES
Fan Motor Speed (Cooling)	r/min	780/660/600/560/520/480/440		Low Static Pressure		NO
Fan Motor Speed (Heating)	r/min	780/660/600/560/520/480/440		Timer Feature		YES
Fan Motor Power Output	W	30		Memory		YES
Fan Motor Power Input	W	35		Turbo		YES
Evaporator Material	-	Inner Groove Copper Tube-Aluminum fin		Clock		YES
Evaporator Face Area	m ²	0.27		Temperature		YES
Evaporator Face Area	sq.ft	2.9		Self-Diagnosis		YES
Evaporator Pipe Diameter	mm	φ7		Lock		YES
Evaporator Number of Rows	-	2		LCD (No Back Light)		YES
Evaporator Tube Pitch(a)×Row Pitch(b)	mm	19.05×12.7		LCD (Back Light)		NO
Evaporator Fin Pitch	mm	1.6		LED		YES
Evaporator Fins per Inch (FPI)	-	16		Intelligent Defrosting		YES
Evaporator Fin Type	-	Hydrophilic window		Force Defrosting		YES
Evaporator Fin Color	-	Blue		Energy Saving		YES
Evaporator Number of Circuits	-	4		8°C Heating Mode		YES
Evaporator Length (L×H×W)	mm	1176×228.6×25.4		Turbo Cooling		YES
Evaporator Max. Allowable Pressure	MPa	10		Low Ambient Cooling		Optional
Air Filter	-	PP		Low Ambient Heating		Optional
Air Filter Size (L×W/NO.)	inch	14.49×13.89/1		Low Voltage Startup		YES
Standard Software and Controller	-	YAP1F7F(WiFi)		Multi Speeds		Speed 7
Optional Software and Controller	-	XE73-44/E		With Access Control System		YES
Gas Pipe (to indoor unit)	inch	3/8"		With Water Pump		YES
Liquid pipe	inch	1/4"		Switchover Between High and Low Static Pressures		NO
Connection method	-	Flare Connection		Optional Ambient Temperature Sensor		YES
Drain Connection (outer diameter)	inch	φ0.98		External Electronic Expansion Valve		NO
Dimension of Outline (W×D×H)	inch	22.44×22.44×10.43				
Dimension of Carton Box (L×W×H)	inch	27.36×25.59×11.02				
Dimension of Package (L×W×H)	inch	27.48×25.71×11.61				
Stacked Layers	-	9				
Net Weight	lb	37.5				
Gross Weight	lb	48.5				

18,000 BTUH MODEL

Model # 18,000 BTUH 230V

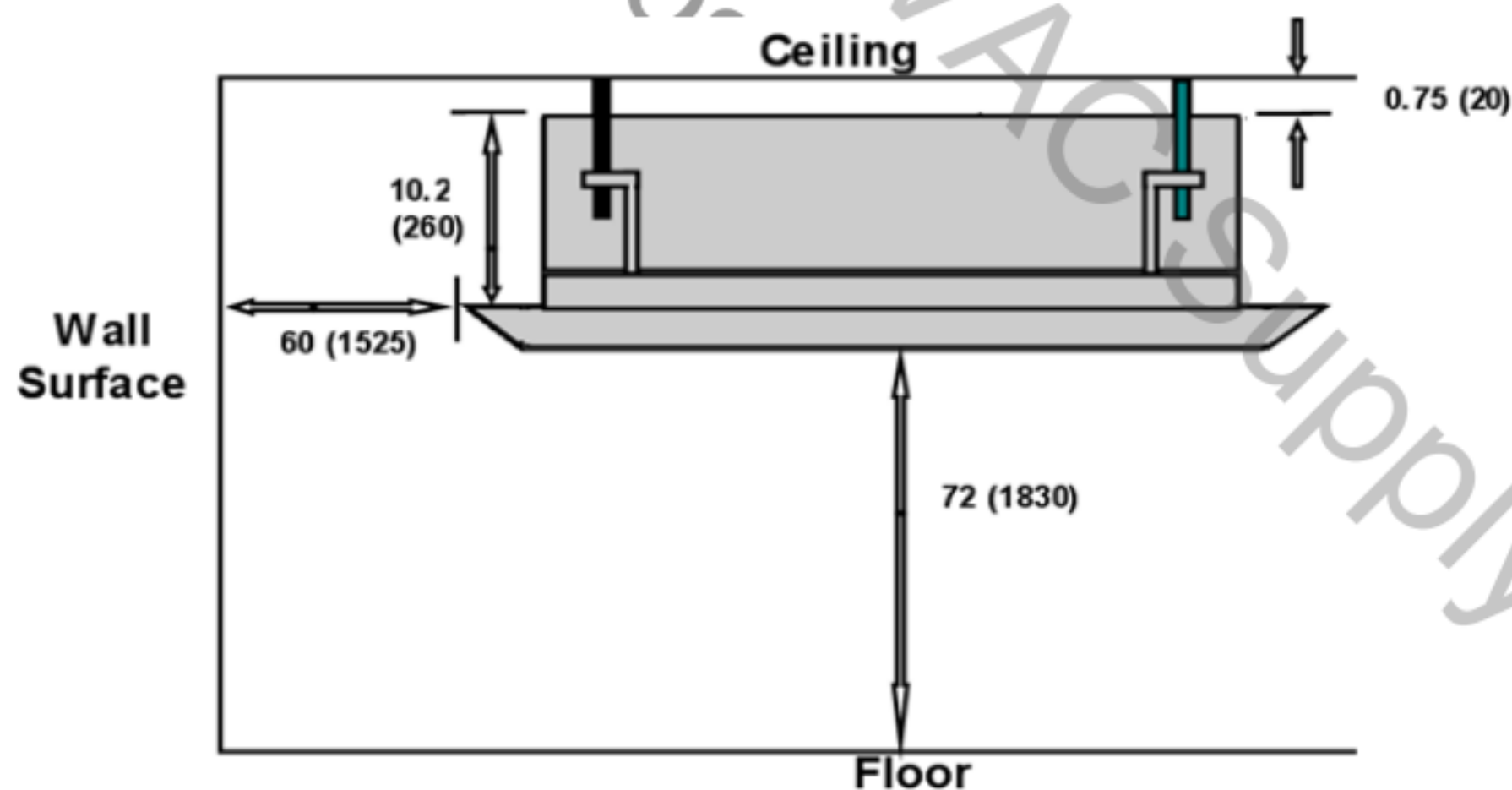
Units: inch (mm)



Note: Size refrigerant lines based on evaporator port sizes.

Weight (Net/Gross) 40/51 lbs

MINIMUM CLEARANCES



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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