



SUBMITTAL DATA

Duct Indoor Unit 18KBTU

Model: TM18R32SFDI

Job Name

Location

Date

Purchaser

Engineer

Submitted to

For

Unit Designation

Schedule No.



GENERAL FEATURES:

- R32 Refrigerant
- Quiet Operation
- Multi-Speed Fan
- Medium Static Pressure Capability
- Slim Line Construction 8" high
- Internal Condensate Drain Pump
- Flexible Return Air from Bottom or Rear
- XK-19 Wired Controllers
- Wireless Remote Controllers
- Sentry Condensate Overflow Protection
- Limited 5 yr. Parts Warranty

Americo HVAC Supply LLC



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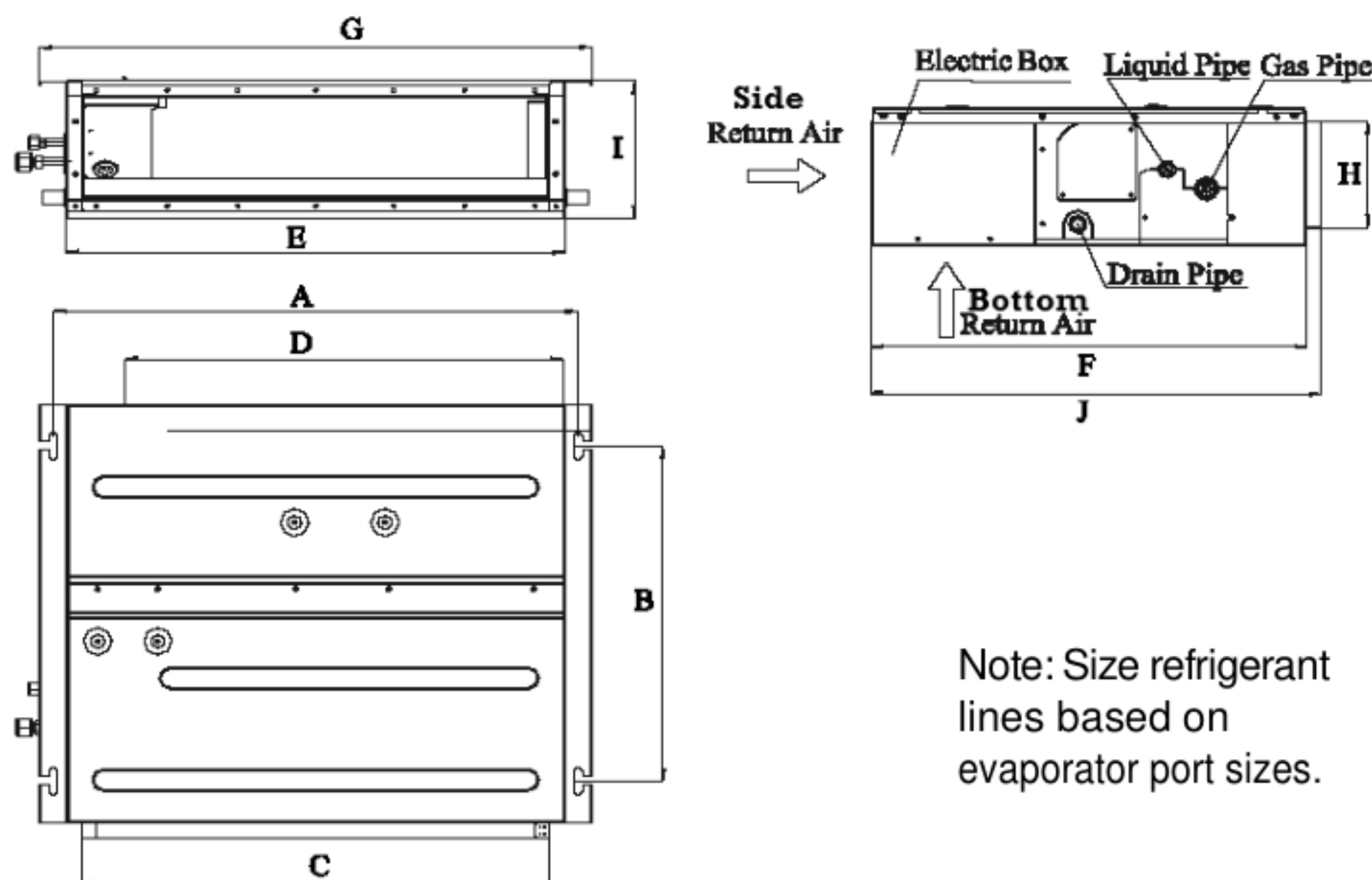


SPECIFICATIONS & FUNCTIONS:

Product Model			TM18R32SFDI	Functions		TM18R32SFDI
Product Type	--		Duct	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		18000	Dehumidify		YES
Heating Capacity	Btu/h		19000	Air Flow		YES
Air Flow Volume	CFM		589/412/312/288	Sleep		Normal sleep mode
Standard Static Pressure	Pa		90	Vertical Auto Swing		NO
Max. Static Pressure	Pa		200	Horizontal Auto Swing		NO
Sound Pressure Level	dB (A)		39/33/29/26	Auto Fan		YES
Sound Power Level	dB (A)		49/43/39/36	Quiet		NO
Rated Dehumidification Capacity	L/h		1.8	I Feel		YES
Dehumidifying Volume	Pint/h		3.8	Intelligent Preheating		YES
Cross-sectional Area of Power Cable Conductor	mm ²		0.82	Ventilation		YES
Cross-sectional Area of Power Cable Conductor	sq in		0.001271	Dry Anti-mildew Design		YES
Recommended Power Cable (Core)	N		4	Several Optional Filters (e.g.: Active Carbon)		Optional
Fuse Current	A		5	Auto Clean		NO
Cooling Power Input	kW		0.161	Replaceable Front Panel		NO
Heating Power Input	kW		0.161	Outdoor Air Available		YES
Cooling Current Input	A		0.7	High Static Pressure		YES
Heating Current Input	A		0.7	Common Static Pressure		Optional
Fan Type	-		Centrifugal	Low Static Pressure		NO
Fan Quantity	-		2	Timer Feature		YES
Fan Diameter-height	mm		202-107	Memory		YES
Motor Model	-		FG200A-ZL	Turbo		YES
Motor Insulation Class	-		E	Clock		YES
Motor Safe Class	-		IP23	Temperature		YES
Fan Motor Speed	r/min		990/700/530/490	Self-Diagnosis		YES
Fan Motor Power Output	W		200	Lock		YES
Fan motor running current	A		0.7	LCD (No Back Light)		NO
Evaporator Material	-		Copper tube-Aluminum fin	LCD (Back Light)		YES
Evaporator Face Area	m ²		0.23	LED		NO
Evaporator Face Area	sq. ft		2.47572	Intelligent Defrosting		NO
Evaporator Pipe Diameter	mm		φ7.94	Force Defrosting		YES
Evaporator Number of Rows	-		3	Energy Saving		YES
Evaporator Tube Pitch(a)×Row Pitch(b)	mm		22×19.05	8°C Heating Mode		YES
Evaporator Fin Pitch	mm		1.8	Turbo Cooling		YES
Evaporator Fins per Inch (FPI)	-		14	Low Ambient Cooling		YES
Evaporator Fin Type	-		fenestrate plain and hydrophilic film	Low Ambient Heating		YES
Evaporator Fin Color	-		Blue	Low Voltage Startup		YES
Evaporator Number of Circuits	-		7	Multi Speeds		Speed 4~5
Evaporator Length (L×H×W)	mm		753×308×57.2	With Access Control System		YES
Evaporator Max. Allowable Pressure	MPa		10	With Water Pump		YES
Air Filter	-		PP	Switchover Between High and Low Static Pressures		YES
Air Filter Size (L×W/NO.)	inch		26.06×9.96/2	Optional Ambient Temperature Sensor		YES
Standard Software and Controller	-		XK76	External Electronic Expansion Valve		YES
Optional Software and Controller	-		YT1FF			
Gas Pipe (to indoor unit)	inch		0.625			
Liquid pipe	inch		0.6			
Connection method	-		Flare Connection			
Drain Connection (outer diameter)	inch		φ0.98			
Dimension of Outline (W×D×H)	inch		44.49×29.68×11.81			
Dimension of Carton Box (L×W×H)	inch		47.32×31.89×13.58			
Dimension of Package (L×W×H)	inch		47.44×32.01×14.17			
Stacked Layers	-		Duct			
Net Weight	lb.		208/230			
Gross Weight	lb.		187/253			

18,000 BTUH MODEL

Model # 18,000 BTUH 230V



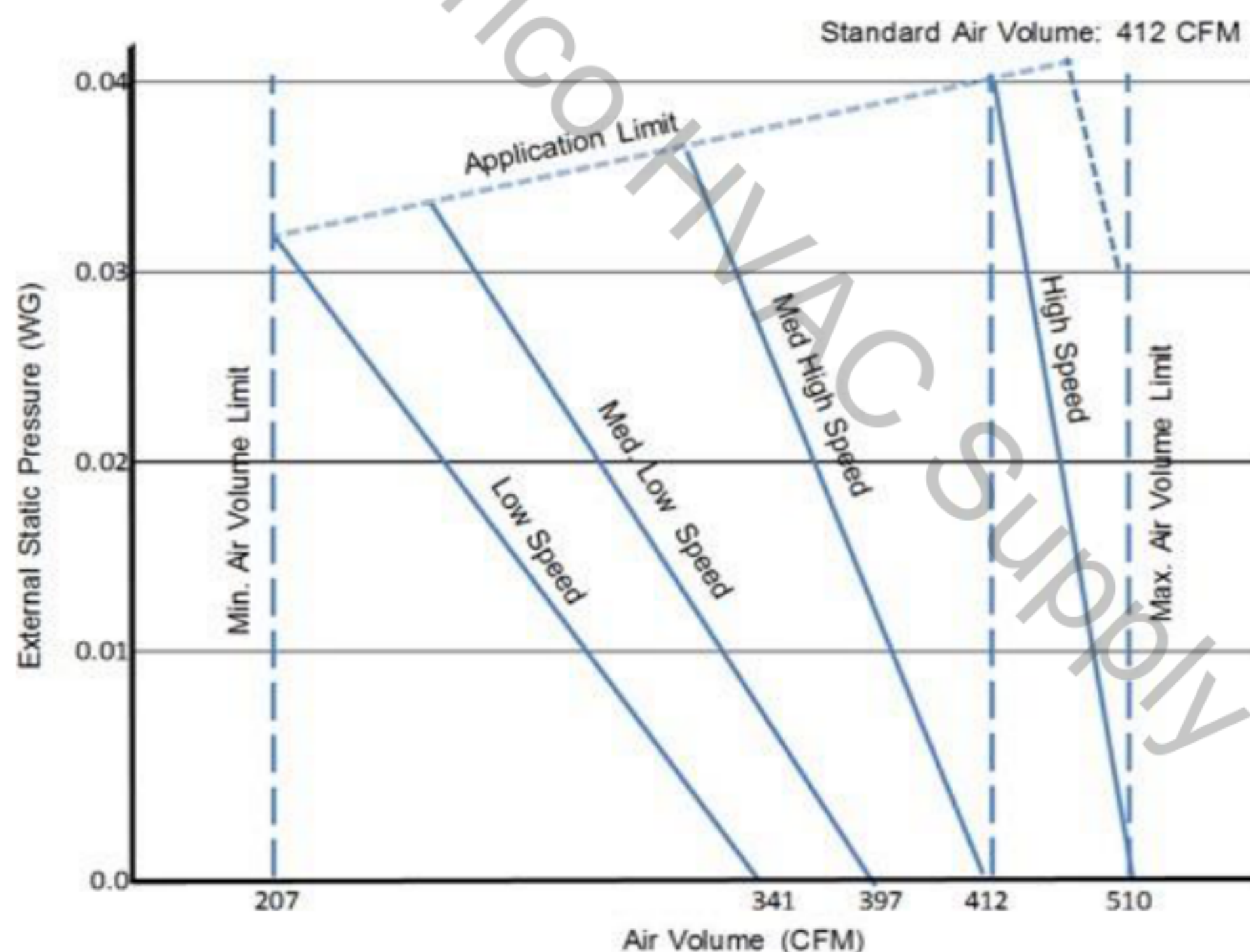
Dimensions

	A	B	C	D	E	F	G	H	I	J
(mm)	942	491	862	820	900	615	982	156	200	635
(inches)	37.1	19.3	33.9	32.3	35.4	24.2	38.7	6.1	7.9	25.0

Weight (Net/Gross) 60/79 lbs

INDOOR FAN PERFORMANCE DATA

WG = inches of water guage



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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