



SUBMITTAL DATA

Duct Indoor Unit 09KBTU

Model: TM09R32SFDI

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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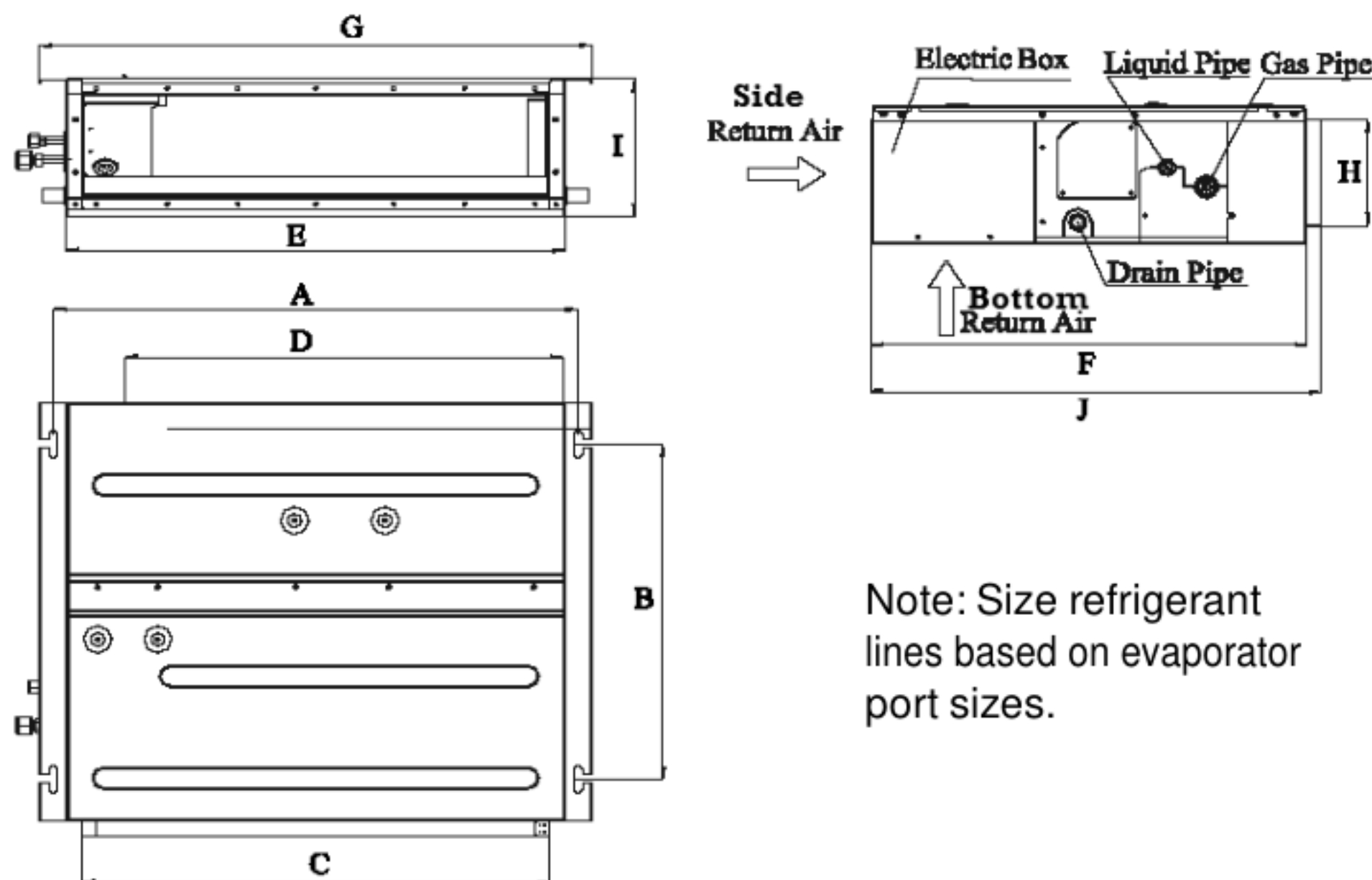


SPECIFICATIONS & FUNCTIONS:

Product Model			TM09R32SFDI	Functions	TM09R32SFDI
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	9000		Dehumidify	YES
Heating Capacity	Btu/h	9500		Air Flow	YES
Air Flow Volume	CFM	324/253/212/188		Sleep	Normal sleep mode
Standard Static Pressure	Pa	60		Vertical Auto Swing	NO
Max. Static Pressure	Pa	150		Horizontal Auto Swing	NO
Sound Pressure Level	dB (A)	36/30/27/25		Auto Fan	YES
Sound Power Level	dB (A)	46/40/37/35		Quiet	NO
Rated Dehumidification Capacity	L/h	0.8		I Feel	YES
Dehumidifying Volume	Pint/h	1.69072		Intelligent Preheating	YES
Cross-sectional Area of Power Cable Conductor	mm2	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	0.092		Replaceable Front Panel	NO
Heating Power Input	kW	0.092		Outdoor Air Available	YES
Cooling Current Input	A	0.4		High Static Pressure	YES
Heating Current Input	A	0.4		Common Static Pressure	Optional
Fan Type	-	Centrifugal		Low Static Pressure	NO
Fan Quantity	-	1		Timer Feature	YES
Fan Diameter-height	mm	202-107		Memory	YES
Motor Model	-	FG150A-ZL		Turbo	YES
Motor Insulation Class	-	E		Clock	YES
Motor Safe Class	-	IP23		Temperature	YES
Fan Motor Speed	r/min	860/670/570/510		Self-Diagnosis	YES
Fan Motor Power Output	W	150		Lock	YES
Fan motor running current	A	0.4		LCD (No Back Light)	NO
Evaporator Material	-	Copper tube-Aluminum fin		LCD (Back Light)	YES
Evaporator Face Area	m2	0.14		LED	NO
Evaporator Face Area	sq. ft	1.50696		Intelligent Defrosting	NO
Evaporator Pipe Diameter	mm	φ7.94		Force Defrosting	YES
Evaporator Number of Rows	-	2		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	470×308×38		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	26.06×9.96/1		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	0.375			
Liquid pipe	inch	0.25			
Connection method	-	Flare Connection			
Drain Connection (outer diameter)	inch	φ0.98			
Dimension of Outline (W×D×H)	inch	32.68×29.68×11.81			
Dimension of Carton Box (L×W×H)	inch	35.2×31.69×13.58			
Dimension of Package (L×W×H)	inch	35.31×31.81×14.17			
Stacked Layers	-	8			
Net Weight	lb.	70.6			
Gross Weight	lb.	83.8			

9,000 BTUH MODEL

Model # 9,000 BTUH 230V



Note: Size refrigerant lines based on evaporator port sizes.

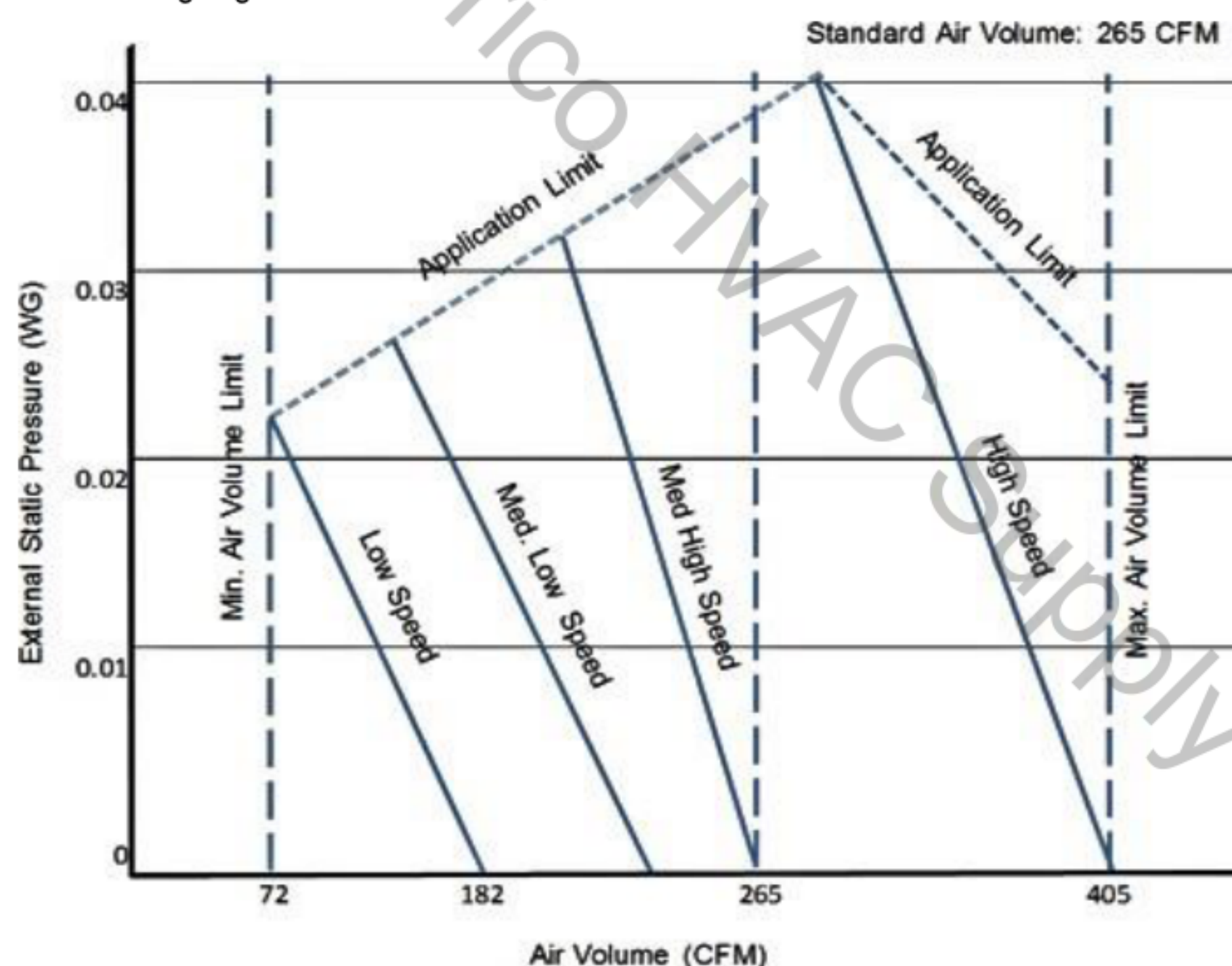
Dimensions

	A	B	C	D	E	F	G	H	I	J
(mm)	742	491	662	620	700	615	782	156	200	635
(inches)	29.2	19.3	26.1	24.4	27.6	24.2	30.8	6.1	7.9	25.0

Weight (Net/Gross) 49/60 lbs

INDOOR FAN PERFORMANCE DATA

WG = inches of water gauge



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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