

High Static Multi-Room Ducted Systems

Submittal Data: TM09HSFDI		9,000 BTU/H High Static Ducted
Job Name	Location	Date
Purchaser	Engineer	
Submitted To	For ☐ Reference ☐ Approval ☐ Construction	
Unit Designation	Schedule No.	
GENERAL FEATURES -Quiet Operation - Multi-Speed Fan -High Static Pressure Capability -Adjustable -Slim Line Construction 13.6" high -Internal Condensate Drain Pump -Flexible Return Air From Bottom Or Rear -XK19 Wired Controller -Wireless Remote Controller -Sentry Condensate Overflow Protection -Outside Air Capability		
System Ratings		Units Specification & Data
Cooling* Rated Capacity 9,000 BTU/H	Dehumidifying Volume Pint/hr 1.69 Wired Controller XK19	
Heating* Rated Capacity 9,500 BTU/H	Evaporator Coil CopperTube-Aluminum Fin Protection - Acrylic Resin Blue	
Sound Pressure Level (Indoor) Cooling 36/30/27/25 dB(A) Heating 42/34 dB(A)	Condensate Drain Lift (Height) 18-in 457-mm	
Air Flow (4 Speed) Indoor Fan CFM 324/253/212/188	Drain Size (OD) 1.0-in 25-mm	
Ext Static Pressure (max/std) .6 / .24 InWc * Capacity based on diversity of all connected units and the OD Unit	Air Filter Polypropylene Net Weight 71-lbs Gross Weight 84-lbs	
Electrical Ratings		Refrigerant Piping Data
Fan Motor Output Power 150 W FLA 0.4 A	Refrigerant Type R410A	
Power Supply Normal Operational Voltage 208/230 V, 1 Phase, 60 Hz Voltage Range 187 - 253 V MCA 5.0 A Interconnecting Cable Wire Size 14-4 AWG	Gas Pipe Size (OD) 3/8-in Liquid Pipe Size (OD) 1/4-in Connection Method Flared	
* Test conditions are based on AHRI 210/240. **Sound Pressure ratings are per AHRI 270 and AHRI 350		



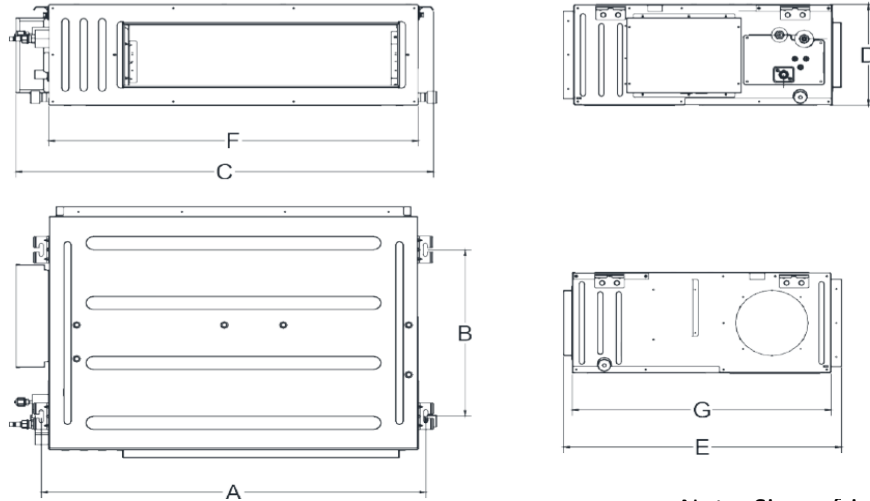
Features & Function Summary**TM09HSFDI**

SYSTEM FEATURES	
Selectible External Static Pressure	8 Selections
Multi Fan Speeds	4 Speeds
Indoor Fan Type	Centrifugal
Indoor Unit Display	NO
Wired Controller Interface	YES
Auxiliary Electrical Heater	NO
Ventilation (Outdoor Air)	YES
Condensate Pump	YES
Overflow Cut-off Switch	YES
Electronic Expansion Valve	In Outdoor Unit
Coil Construction	Copper Tube-Aluminum Fin
Indoor Fin Coating (Blue)	Acrylic Resin/Anti-Corrosion

WIRED PROGRAMMABLE CONTROLLER (XK19) & REMOTE CONTROLLER FUNCTIONS	
Auto Mode	YES
Auto Fan	YES
Turbo Cooling	YES
Auto Swing (Horizontal Auto Swing)	NO
Auto Swing (Vertical Auto Swing)	NO
Clock on Remote Controller	YES
Dry Mode	YES
Dry Anti-Mildew (X-Fan) Mode	YES
Energy Saving Mode	YES
Dirty Filter Alert	NO
I Feel Function	YES
Lock on Remote Controller	YES
Quiet Mode	YES
Room Temperature Display	NO
Normal Sleep Mode	YES
Timer Mode	YES
LCD Back Light on Remote Controller	YES
Turbo Mode	YES
Display On/Off Control	YES
Freeze Guard Mode (46°F/8°C)	YES
Display On/Off Control	YES

9,000 BTUH MODEL

Model # TM09HSFDI 9,000 BTUH 230V



Note: Size refrigerant lines based on evaporator port sizes.

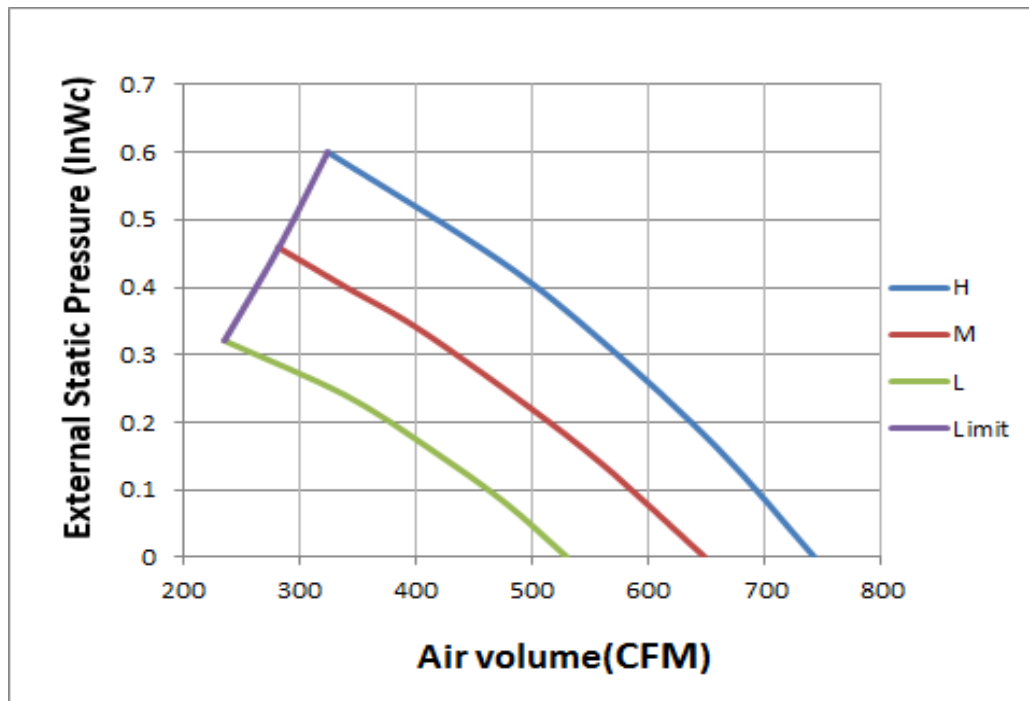
Dimensions

	A	B	C	D	E	F	G
(mm)	740	500	830	300	754	700	700
(inches)	29-1/8	19-11/16	32-7/10	13-3/5	29-7/10	27-9/16	27-9/16

Weight (Net/Gross) 71/84 lbs

INDOOR FAN PERFORMANCE DATA

Wc = inches of water column



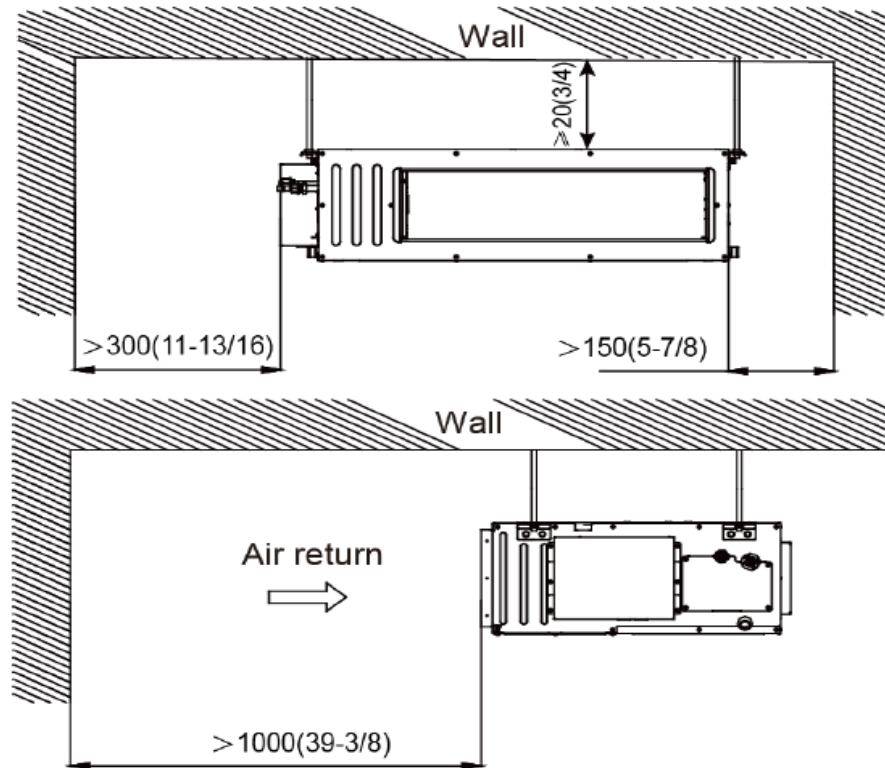
Notes:

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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MINIMUM SPACING REQUIREMENTS

Units: mm(inch)



RETURN AIR CONFIGURATIONS

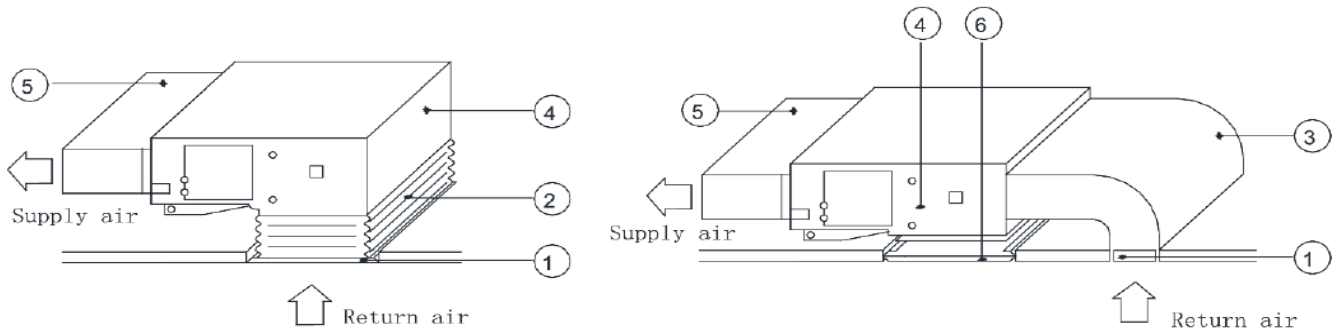


Fig 4.4.7

Table 5 Installation of the return air duct

No.	Name	No.	Name
1	Return Air Inlet (with filter)	4	Indoor unit
2	Canvas Duct	5	Supply Air Duct
3	Return Air Duct	6	Grille