



MODEL FRS200HT/VDBFRS200HT

(Smart Sensing Supply Fan – Humidity/Temperature Control – 200/180/170/150/130/110/90/80/70/60/50/40/30 CFM)

	6" Duct (Standard): 200 CFM/ 0.2 SP, 42.6 Watts			
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Description

High air flow and low noise fresh air supply fan with temperature and humidity sensor allows you to select your required airflow [30-200 CFM]. Fan is ENERGY STAR® Most Efficient qualified, HVI, UL and cUL certified, and can be used to comply with ASHRAE 62.2.

DC Motor/Blower

- Power rating of 120 volts/60Hz
- Fresh air supply rates shall be manually adjustable for 30-40-50-60-70-80-90-110-130-150-170-180-200
- Constant airflow blower designed to maintain the selected air flow in standard installations
- ECM motor engineered to run continuously
- Motor equipped with thermal cutoff fuse
- Removable with permanently lubricated plug-in motor
- Built-in soft start function to increase bearings' life
- Automatically powers OFF if impeller is locked abnormally

Housing

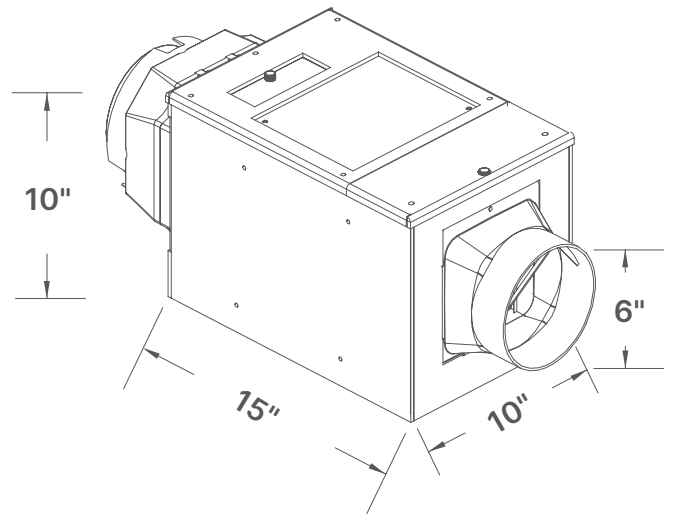
- Galvanized steel body
- Detachable 6" diameter metal duct adapter
- Built-in backdraft damper
- Easy installation with bracket
- Insulated housing to prevent condensation and noise

Features

- Motorization damper
- Built-in MERV 13 filter
- Five installation possibilities: ceiling hung, under ceiling, wall mounted, attic mounted, and flush to ceiling
- Adjustable relative humidity level setting
- Adjustable temperature setting for different climate zone
- Interlock with HVAC
- Two step filter alert for cleaning and replacement
- Run time rating function
- Digital display panel

TYPICAL SPECIFICATION

Ventilation fan shall be Delta Breez model FRS200HT; The ECM motor is engineered to run continuously for a minimum of 70,000 hours, with an airflow rating ranging from 30 to 200 CFM at 0.2" static pressure. Power consumption is not more than 42.0 watts, with an efficiency rating of not less than 4.9 CFM/watt at 0.2" static pressure. The housing shall be insulated to reduce condensation and noise. A MERV 13 filter, which is superior and required by many codes or IAQ program recommendations, is optional. The backdraft damper is motorized. Adjustable humidity and selectable temperature settings allow for easy adjustments in any climate zone. Interlock control can be hardwired to the HVAC system. The filter alert has a two-step process for cleaning and replacement.



BreezFresh FRS200HT

	6" Duct Standard
Length	15"
Width	10"
Height	10"
Weight	12 lbs.
Operating temperature	14°F ~ 140°F

Speed settings	30/40/50/60/70/80/90/110/130/150/170/180/200
Run times settings	5~60 min. (increment of 5 min)
Humidity upper limits settings	30~85 RH% (Increments of 5%) and OFF.
Lower limit setting is 20%, except in OFF setting	10"
Temperature mode settings	1/2/3/4/5/6/7/8/9/OFF.
Please refer to temperature mode settings table	14°F ~ 140°F



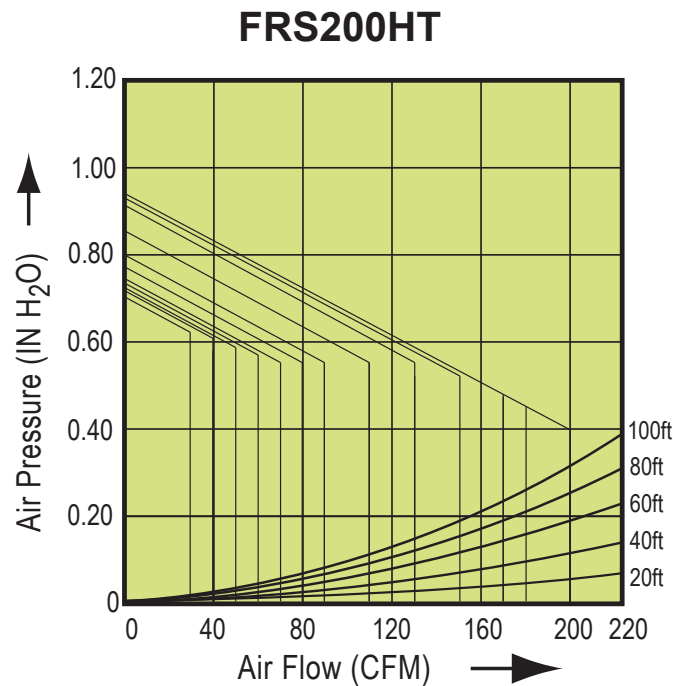
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Performance with pre-filter & MERV 13 filter installed										
Static Pressure (inches w.g.)	0.2									
Air Flow Setting (CFM)	200	170	150	130	110	90	70	50	40	30
Power Consumption (Watts)	42.6	31.6	24.5	19.9	17.2	14.1	12	10.3	9.1	8.6
Static Pressure (inches w.g.)	0.4									
Air Flow Setting (CFM)	N/A	170	150	130	110	90	70	50	40	30
Power Consumption (Watts)	N/A	41.1	34.5	30.2	25.7	21.3	17.3	14.7	13.6	12.3

Engineering changed without notice.



Models	Quantity	Comments	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted by:
			Date: