

Compact Series

NEXT GENERATION
Ultimate fan solutions

ORTECH

Product Specification Sheet

MODEL ODD-100S



HIGHLIGHTS

- Ultra Silent, High Performance DC Motor
- Very quiet fan for ceiling or wall mounted Hold and ETL evaluation
- It comes with a DC motor which is known for its high efficiency and long lasting reliability
- It holds an ETL evaluation and is HVI and ENERGY STAR® certified

SPECIFICATIONS

Model	ODD-100S					
Static Pressure in inches w.g.	0.1	0.25	0.1	0.25	0.1	0.25
Air Volume (CFM)	54.5	42.8	80	62.7	100	81.2
Noise (sones)	0.1	0.9	0.4	0.8	0.7	1.0
Fan Watts	3.3W	5.7W	4.9W	7.5W	8W	9.2W
Duct Diameter	4"					
Power Rating (V/Hz)	120/60					

- **Housing Size:** 8-1/2" x 9" x 5-3/4" (216 mm x 229 mm x 146 mm)
- **Grille Dimensions:** 11-13/16" x 11-7/16" (300 mm x 290 mm)

HOUSING

- Made of rugged 26 GA galvanized steel
- Detachable 4 inch polymeric collar which includes a light weight built-in back draft damper

MOTOR / BLOWER

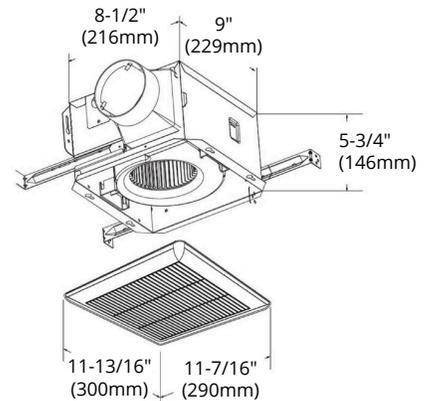
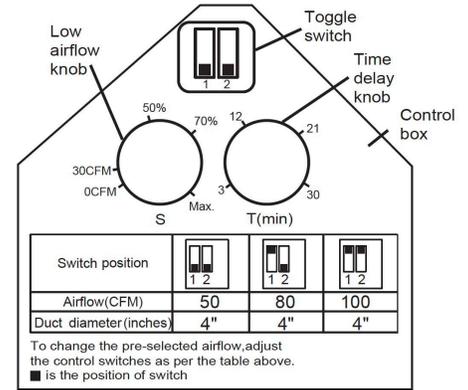
- 3 SPEED DC motor fan with low energy consumption
- 30 CFM variable 24 hour operation LOW SPEED adjustable speed controller allows accurate cfm selection
- LOW SPEED adjustable speed controller allows accurate cfm selection
- TIME DELAY preset allows the fan to continue running for an additional 3 to 30 minutes
- DC MOTOR comes with thermal cut off protection
- QUIET operates at lower rpm to ensure low sone levels

GRILLE

- The grille is low profile that has elegance and still able to maintain its simplicity

TYPICAL SPECIFICATIONS

- Ceiling ventilator shall have corrosion resistance galvanized steel
- It shall be ducted to a roof vent or wall cap using 4 inch round pipe
- Blower assembly shall be removable, have a centrifugal type blower wheel and a permanently lubricated motor designed for continuous operation
- Includes an attachable non-metallic collar with built-in back draft damper
- Air and sound delivery meet the ENERGY STAR®, HVI certified ratings as per the fan curves attached

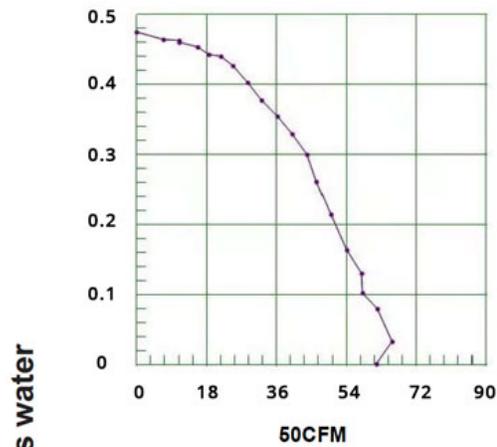


Comes with protective cardboard cover

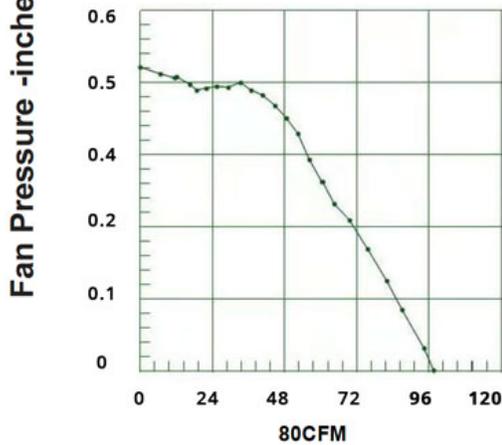
Warranty is voided if the cardboard is removed anytime during construction.

Reference	QTY.	Remarks	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted by:
			Date:

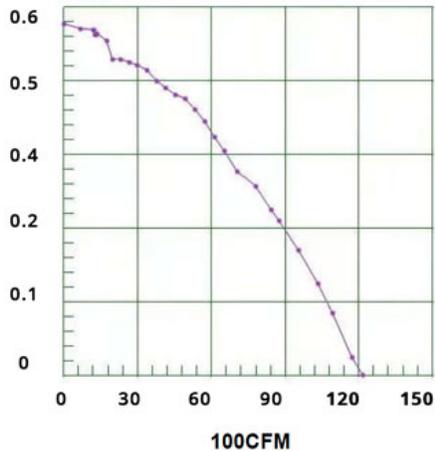
FAN CURVES



Model	Static Pressure (SP)									
	0.441 SP	0.431 SP	0.337 SP	0.295 SP	0.252 SP	0.191 SP	0.139 SP	0.100 SP	0.046 SP	0.000 SP
ODD-100S	0.00 CFM	25.4 CFM	37.6 CFM	40.8 CFM	42.8 CFM	48.6 CFM	50.7 CFM	54.5 CFM	59.1 CFM	59.6 CFM



Model	Static Pressure (SP)									
	0.508 SP	0.484 SP	0.439 SP	0.368 SP	0.309 SP	0.251 SP	0.183 SP	0.097 SP	0.060 SP	0.002 SP
ODD-100S	0.00 CFM	26.9 CFM	44.4 CFM	51.5 CFM	54.6 CFM	62.7 CFM	72.3 CFM	80.4 CFM	83.8 CFM	88.3 CFM



Model	Static Pressure (SP)									
	0.562 SP	0.497 SP	0.433 SP	0.375 SP	0.310 SP	0.248 SP	0.182 SP	0.097 SP	0.059 SP	0.003 SP
ODD-100S	0.00 CFM	36.2 CFM	48.8 CFM	60.2 CFM	68.5 CFM	81.2 CFM	90.2 CFM	100.8 CFM	103.9 CFM	109.3 CFM

Reference	QTY.	Remarks	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted by:
			Date: