

### HIGHLIGHTS

- The ODD Universal series offers 5 different fan performances by adjusting three separate control shifters. All five fans have been factory set to meet the performances noted below
- The ODD Universal series can be ceiling or wall mounted and capable of exhausting air quietly and efficiently. Our ODD Series is HVI and ENERGY STAR® certified and holds an ETL evaluation
- ODD Universal Series offers one fan that can satisfy every engineers expectations. Choose CFM with a built-in slide shift control 80/90/110/120/140 all in one fan
- Comes with a low speed 30 CFM that has a built-in variable speed/control that is designed to run continuously for 24 hours a day to meet local building codes
- When the fan is turned off, it has a built-in time delay that can be set between 3 to 30 minutes. This allows the fan to run for an extra few minutes to make sure the stale air has been removed



#### Optional

- Fluorescent light
- Humidistat
- Motion Sensor
- Speed Controller
- Metal Grille



### SPECIFICATIONS

Model	ODD-110									
Static Pressure in inches .w.g.	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25
Air Volume (CFM)	80	68	90	78	110	95	120	105	140	125
Noise (sones)	0.5		0.5		0.9		0.9		1.1	
Fan Watts	7.8W		8.1W		10.3W		12.2W		15.6W	
Duct Diameter	6"									
Power Rating (V/Hz)	120/60									

- Factory setting: 110CFM (with 6" duct)
- HVI certified performance based on HVI Procedures 915, 916 and 920
- Other airflow reference performance based on HVI Procedures 915, 916 and 920

- **Housing Size:** 10-1/2" x 11-3/8" x 7-5/8" (267 mm x 289 mm x 194 mm)
- **Grille Dimensions:** 13" x 14" (330 mm x 356 mm)
- **Fan Weight:** 10.2 lb

### HOUSING

- Made of rugged 26 GA galvanized steel
- Detachable 6" polymeric collar which includes a light weight built-in back draft damper
- Double hanger bar mounting brackets that are adjustable up to 24 inch span allows for ideal positioning

### MOTOR / BLOWER

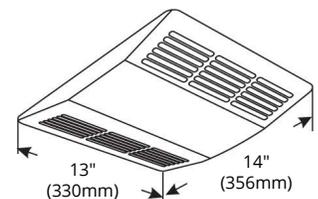
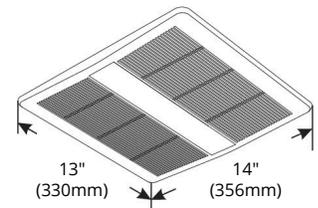
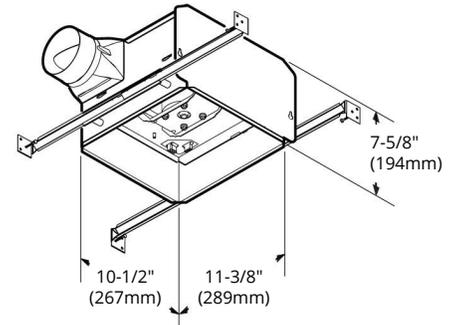
- Totally enclosed brushless DC motor technology. More energy efficient than the minimum ENERGY STAR® requirements rated for continuous operation
- Power rating should be 120 volts and 60 Hz
- Fan shall be ETL and cETL listed for tub/shower enclosure when used with GFCI branch circuit
- Motor comes with built-in overload disconnect for safety and longer motor life
- Our Universal series operates at lower RPM's to give you quieter operation

### GRILLE

- Has elegance and still able to maintain its simplicity
- Comes with torsion spring clips that helps mount grille evenly

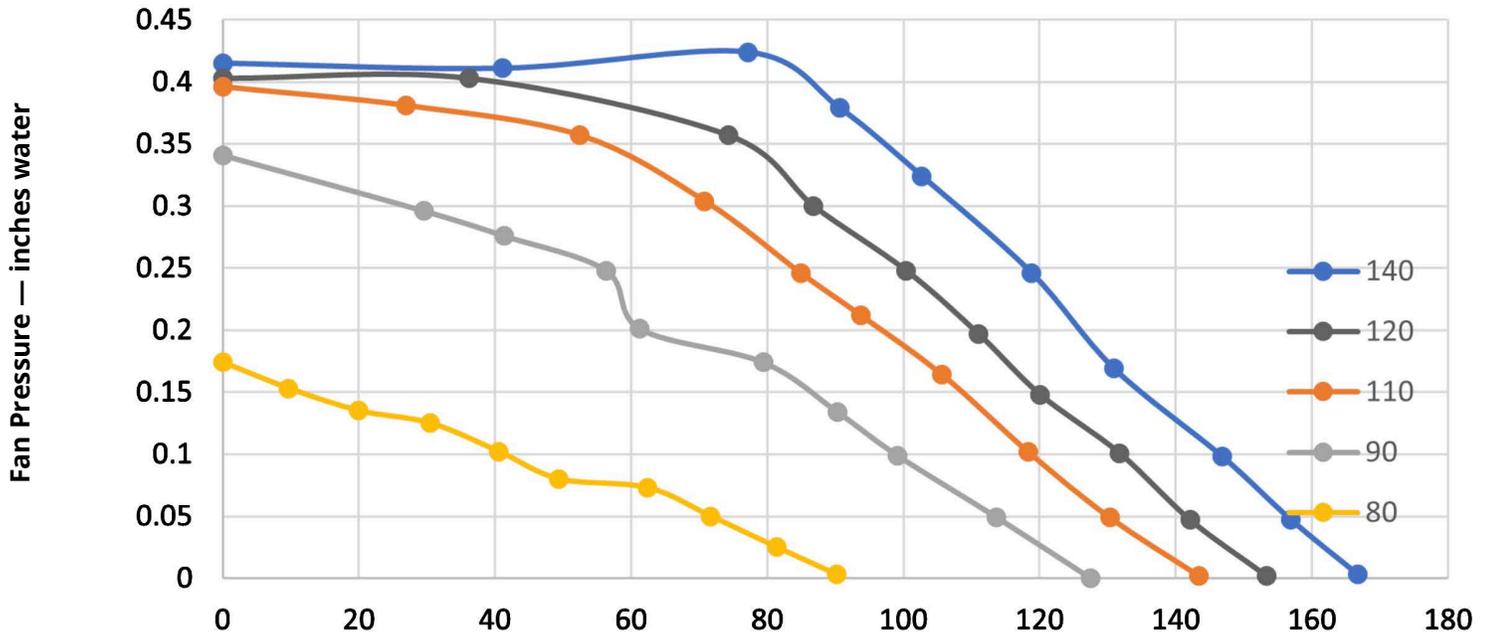
### TYPICAL SPECIFICATIONS

- The motor shall be totally enclosed with brushless DC motor engineered to run continuously
- The slide shift control will adjust the fan speed setting from 80 to 140 CFM using 6" duct
- Power consumption shall be no greater than 10.6W and ENERGY STAR® rated with efficiency rating of no less than 7.8 CFM per wattage
- Ventilating fan shall be of the ceiling mount, ENERGY STAR® rated type, with variable speed of 80-140 CFM and < 0.5 sone as certified by the Home Ventilating Institute (HVI) at 0.1 static pressure in inches water gauge
- Power rating shall be 120V /60Hz



Optional Metal Grille

**FAN CURVE GRAPH**



**Fan Flow Rate — CFM Standard Air**

**ODD-110**



**Comes with protective cardboard cover**

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

ORTECH reserves the right to modify at any time, without notice, any or all of our product's features, designs, components and specifications to meet market changes.

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