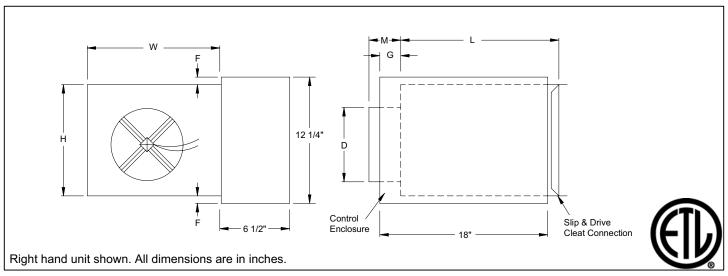


## Submittal

DESV-1.0 12-15-05

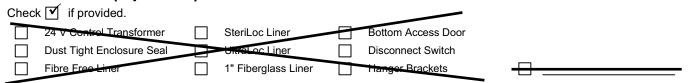
## **DESV**

Single Duct Terminal Unit Direct Digital Control, Pressure Independent



Inlet Size	CFM Range	О	F	G	Н	L	М	W
4	0-225	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	8	15 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	12
5	0-350	4 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	8	15 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	12
6	0-500	5 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	8	15 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	12
7	0-650	6 <sup>7</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	10	15 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	12
8	0-900	7 <sup>7</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	10	15 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	12
9	0-1050	8 <sup>7</sup> / <sub>8</sub>	-	5 <sup>3</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>2</sub>	15 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	14
10	0-1400	9 <sup>7</sup> / <sub>8</sub>	-	5 <sup>3</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>2</sub>	15 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	14
12	0-2000	11 <sup>7</sup> / <sub>8</sub>	-	5 <sup>3</sup> / <sub>8</sub>	15	15 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	16
14	0-3000	13 <sup>7</sup> / <sub>8</sub>	-	3 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	20
16	0-4000	15 <sup>7</sup> / <sub>8</sub>	-	3 <sup>3</sup> / <sub>8</sub>	18	15 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	24
24 x 16	0-8000	23 <sup>7</sup> / <sub>8</sub> x 15 <sup>7</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	18	15	3 <sup>3</sup> / <sub>8</sub>	38

## Accessories (Optional)



## **General Description**

- Heavy gauge steel housing. Mechanically sealed and gasketed, leak resistant construction. Less than 2% of nominal cfm at 1.5" sp wg.
- Dual density internal insulation, treated to resist air erosion.
  Meets requirements of NFPA 90A and UL 181.
- Rectangular discharge opening is designed for slip and drive cleat duct connection.
- Multipoint center averaging inlet velocity sensor.
- Digital control packages can be factory mounted by Titus.
- Choice of right hand or left hand control location.
- Model DESV can be installed horizontally, vertically, or at any angle. Operation is not affected by position.
- Gauge tees for cfm measurement.