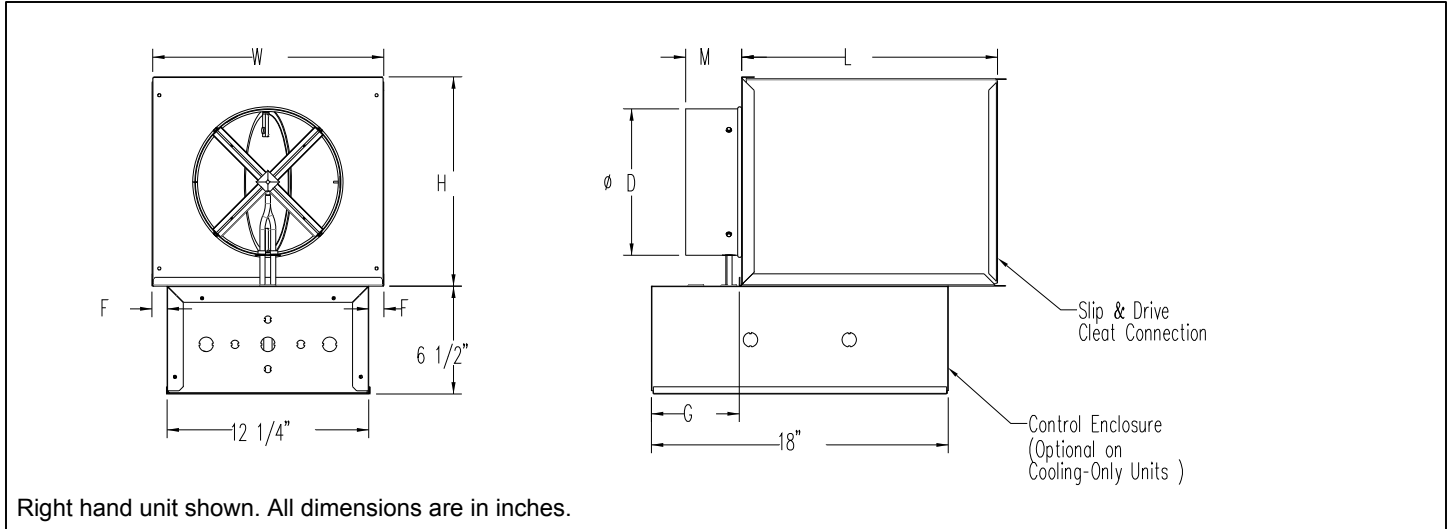


AESV

Single Duct Terminal Unit (Bottom Control Access)
Analog Control, Pressure Independent



Inlet Size	CFM Range	D	F	G	H	L	M	W
4	0-225	3 ⁷ / ₈	---	7 ³ / ₈	8	15 ¹ / ₂	5 ³ / ₈	12
5	0-350	4 ⁷ / ₈	---	7 ³ / ₈	8	15 ¹ / ₂	5 ³ / ₈	12
6	0-500	5 ⁷ / ₈	---	7 ³ / ₈	8	15 ¹ / ₂	3 ³ / ₈	12
7	0-650	6 ⁷ / ₈	---	7 ³ / ₈	10	15 ¹ / ₂	3 ³ / ₈	12
8	0-900	7 ⁷ / ₈	---	7 ³ / ₈	10	15 ¹ / ₂	3 ³ / ₈	12
9	0-1050	8 ⁷ / ₈	7/8	5 ³ / ₈	12 ¹ / ₂	15 ¹ / ₂	3 ³ / ₈	14
10	0-1400	9 ⁷ / ₈	7/8	5 ³ / ₈	12 ¹ / ₂	15 ¹ / ₂	3 ³ / ₈	14
12	0-2000	11 ⁷ / ₈	1 ⁷ / ₈	5 ³ / ₈	15	15 ¹ / ₂	3 ³ / ₈	16
14	0-3000	13 ⁷ / ₈	3 ⁷ / ₈	3 ³ / ₈	17 ¹ / ₂	15 ¹ / ₂	3 ³ / ₈	20
16	0-4000	15 ⁷ / ₈	5 ⁷ / ₈	3 ³ / ₈	18	15 ¹ / ₂	3 ³ / ₈	24



Accessories (Optional)

Check if provided.

- | | | | |
|--|---|---|--|
| <input type="checkbox"/> 24 V Control Transformer | <input type="checkbox"/> SteriLoc Liner | <input type="checkbox"/> 1" EcoShield Liner | <input type="checkbox"/> Hanger Brackets |
| <input type="checkbox"/> Dust Tight Enclosure Seal | <input type="checkbox"/> UltraLoc Liner | <input type="checkbox"/> 1/2" EcoShield Liner (Foil Face) | <input type="checkbox"/> Removable Air Flow Sensor |
| <input type="checkbox"/> Fibre Free Liner | <input type="checkbox"/> 1" Fiberglass Liner | <input type="checkbox"/> 1" EcoShield Liner (Foil Face) | <input type="checkbox"/> Bottom Access Door |
| | <input type="checkbox"/> 1/2" EcoShield Liner | <input type="checkbox"/> Disconnect Switch | <input type="checkbox"/> _____ |

General Description

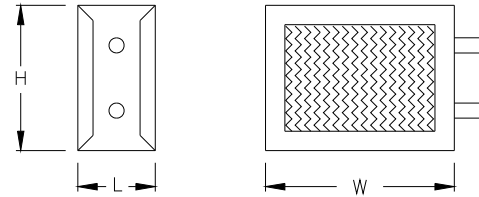
- Heavy gauge steel housing. Mechanically sealed and gasketed, leak resistant construction. Less than 2% of nominal cfm at 1.5" sp wg.
- Dual density internal insulation, treated to resist air erosion. Meets requirements of NFPA 90A and UL 181.
- Rectangular discharge opening is designed for slip and drive cleat duct connection.
- Multipoint center averaging inlet velocity sensor.
- Electronic proportional room thermostat with adjustable setpoints for temperature and airflow is included with unit.
- Minimum and maximum airflow adjustments are made at the thermostat, using a digital voltmeter.
- Choice of right hand or left hand control location.
- Electric damper actuator is an integral part of the unit.
- Model AESV can be installed horizontally, vertically, or at any angle. Operation is not affected by position.
- The control enclosure is optional and needs be ordered separately except for units with electric reheat.

Accessories (Optional)

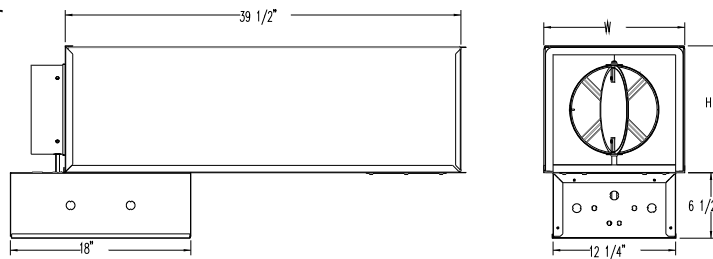
Hot Water Coil Section

- 1/2" copper tubes
- Aluminum ripple fins, 10 per inch
- Connections: Single circuit, 1/2" O.D. male solder. Multi-circuit, 7/8" O.D., male solder.
- Coil is installed at discharge of unit.
- On units with attenuators, coil are installed at the discharge of attenuator.

- 1 Row
- 2 Row
- 3 Row
- 4 Row



Integral Sound Attenuator



Inlet Size	H	W	Water Coil	
			L (1-2 Row)	L (3-4 Row)
4	8	12	5	7 1/4
5	8	12	5	7 1/4
6	8	12	5	7 1/4
7	10	12	5	7 1/4
8	10	12	5	7 1/4
9	12 1/2	14	5	7 1/4
10	12 1/2	14	5	7 1/4
12	15	16	5	7 1/4
14	17 1/2	20	7 1/2	9 3/4
16	18	24	7 1/2	9 3/4
24 x 16	18	38	5	7 1/4

The total length of the AESV unit is the summation of the unit length (with or without attenuator) and the length of the optional water coil.

This submittal is meant to demonstrate general dimensions of this product. The drawings are not meant to detail every aspect of the product. Drawings are not to scale. Titus reserves the right to make changes without written notice.



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