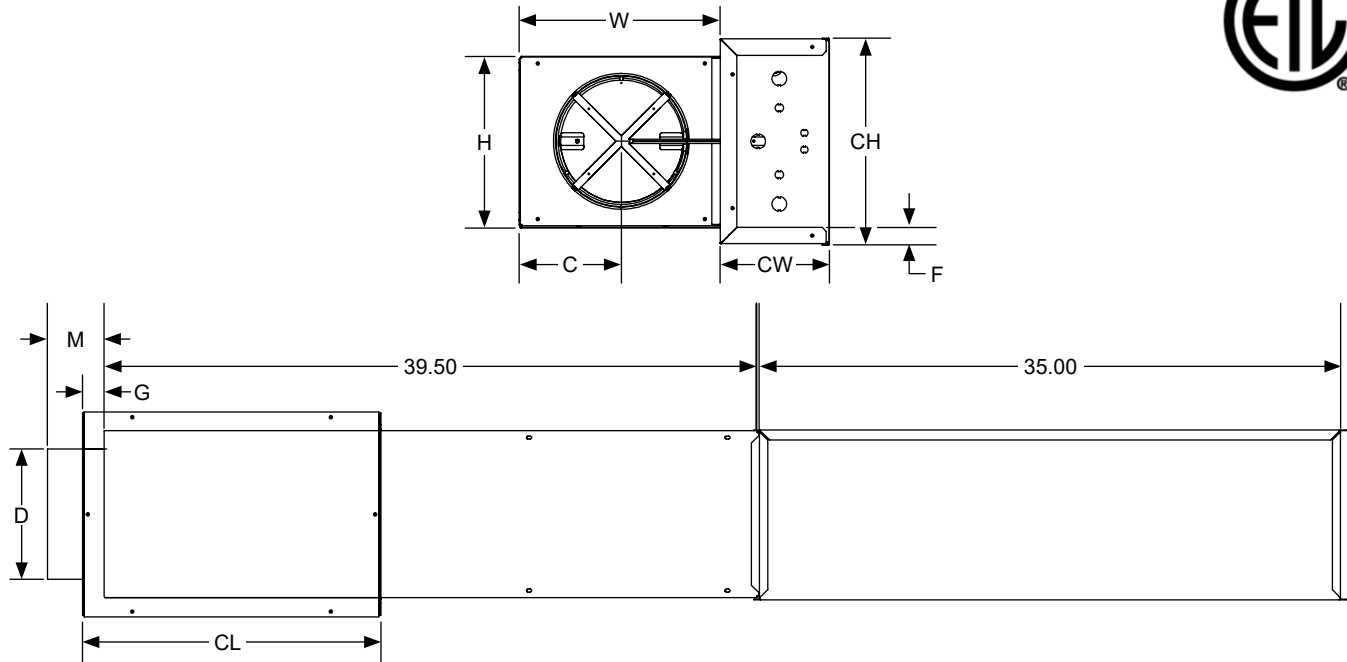


ESV-Q

Single Duct Terminal Unit with Integrated Silencer
Digital, Pressure Independent

☐ Digital Control, ESV-Q


Right hand unit shown. All dimensions are in inches.

Size	CFM Range	D (H x W)	C	F	G	H	L	M	W	CH	CL	CW	Silencer H	Silencer W
4	0-225	3 7/8	6 1/2	2 1/8	7 3/8	8	74 1/2	5 3/8	12	12 1/4	18	6 1/2	8.2	12.1
5	0-350	4 7/8	6 1/2	2 1/8	7 3/8	8	74 1/2	5 3/8	12	12 1/4	18	6 1/2	8.2	12.1
6	0-500	5 7/8	6 1/2	2 1/8	7 3/8	8	74 1/2	3 3/8	12	12 1/4	18	6 1/2	8.2	12.1
7	0-650	6 7/8	6	1 1/8	7 3/8	10	74 1/2	3 3/8	12	12 1/4	18	6 1/2	10.2	12.1
8	0-900	7 7/8	6	1 1/8	7 3/8	10	74 1/2	3 3/8	12	12 1/4	18	6 1/2	10.2	12.1
9	0-1050	8 7/8	7	-	5 3/8	12 1/2	74 1/2	3 3/8	14	12 1/4	18	6 1/2	12.7	14.1
10	0-1400	9 7/8	7	-	5 3/8	12 1/2	74 1/2	3 3/8	14	12 1/4	18	6 1/2	12.7	14.1
12	0-2000	11 7/8	8	-	5 3/8	15	74 1/2	3 3/8	16	12 1/4	18	6 1/2	15.2	16.1
14	0-3000	13 7/8	10 1/2	-	3 3/8	17 1/2	74 1/2	3 3/8	20	12 1/4	18	6 1/2	17.7	20.1
16	0-4000	15 7/8	13 1/2	-	3 3/8	18	74 1/2	3 3/8	24	12 1/4	18	6 1/2	18.2	24.1
40	0-8000	15 7/8 x 23 7/8	19	1 1/8	5 3/8	18	74 1/2	3 3/8	38	12 1/4	18	6 1/2	18.2	38.1
Extended Casing														
5E	0-350	4 7/8	6	2 1/8	7 3/8	10	74 1/2	3 3/8	12	12 1/4	18	6 1/2	10.2	12.1
6E	0-500	5 7/8	6	2 1/8	7 3/8	10	74 1/2	3 3/8	12	12 1/4	18	6 1/2	10.2	12.1
7E	0-650	6 7/8	7	1 1/8	5 3/8	12 1/2	74 1/2	3 3/8	14	12 1/4	18	6 1/2	12.7	14.1
8E	0-900	7 7/8	7	1 1/8	5 3/8	12 1/2	74 1/2	3 3/8	14	12 1/4	18	6 1/2	12.7	14.1
1E	0-1400	9 7/8	8	-	5 3/8	15	74 1/2	3 3/8	16	12 1/4	18	6 1/2	15.2	16.1
2E	0-2000	11 7/8	10	-	3 3/8	17 1/2	74 1/2	3 3/8	20	12 1/4	18	6 1/2	17.7	20.1
4E	0-3000	13 7/8	12	-	3 3/8	18	74 1/2	3 3/8	24	12 1/4	18	6 1/2	18.2	24.1

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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General Description

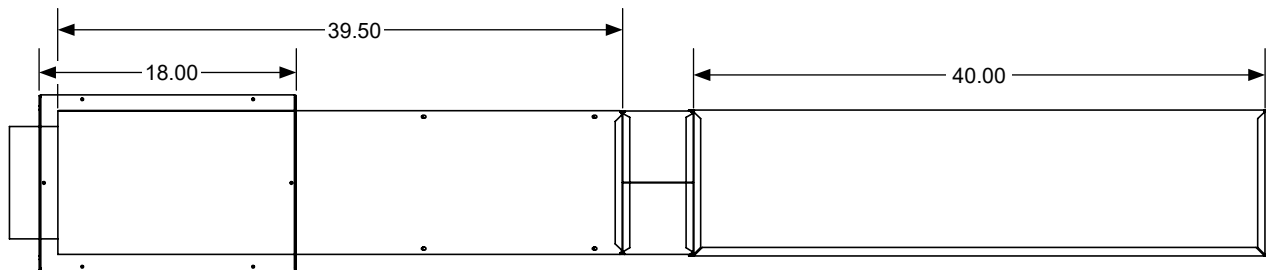
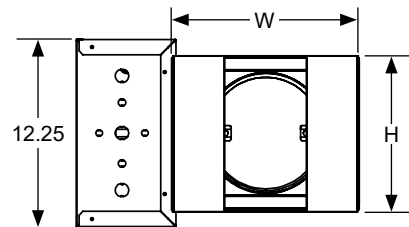
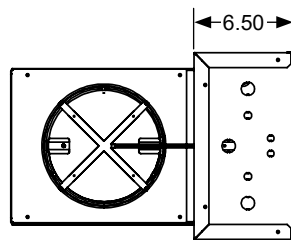
- Terminal units with integrated silencers maximize sound absorption using internal geometries, baffling, and acoustic media. Pressure drop is minimized. Certified to ASHRAE Standard 130 and AHRI Standard 880.
- Heavy gauge G40 galvanized steel housing. Mechanically sealed and gasketed, leak resistant 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.
- Units equipped with the Titus II velocity controller can either be direct acting or reverse acting, with the damper either normally open or normally closed. Controller maintains constant span and start point. (Span and start point are adjustable.)
- Rectangular discharge opening is designed for slip and drive cleat duct connection.
- Multipoint center averaging inlet velocity sensor.
- Control packages can be factory mounted by Titus.
- Choice of right hand or left hand control location.
- Units equipped with the Titus I velocity controller are available in both direct acting / normally open and reverse acting / normally closed operating modes.
- Model ESV-Q without coils can be installed horizontally, vertically, or at any angle. Operation is not affected by position. For units with coils, consult technical support.
- Gauge tees for cfm measurement.

Accessories (Optional)

Check ☒ if provided.

- | | | | |
|--|--|---|--|
| ☐ 24 V Control Transformer | ☐ 1" Fiberglass Liner | ☐ UltraLoc Liner | ☐ Hospital Grade (Mylar encapsulated silencer acoustic media) |
| ☐ Dust Tight Enclosure Seal | ☐ 1" EcoShield Liner | ☐ ½" EcoShield Liner (Foil Face) | ☐ Removable Air Flow Sensor |
| ☐ Fibre Free Liner | ☐ 1" Fibre Free Liner | ☐ 1" EcoShield Liner (Foil Face) | ☐ Bottom Access Door |
| ☐ ½" EcoShield Liner | ☐ Low Leakage Seal/Test Certify | ☐ Disconnect Switch | ☐ _____ |
| ☐ ½" Fibre Free Liner | ☐ SteriLoc Liner | ☐ Hanger Brackets | |

☐ Integral Hot Water Coil



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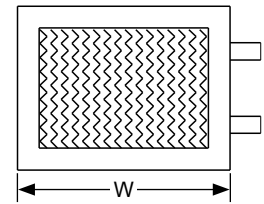
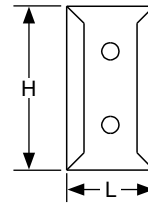
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Accessories (Optional)

☐ Hot Water Coil Section

- Aluminum ripple fins, 10 per inch
- Coil pipe connections are male, sweat, type "L" copper.
- Connection sizes: Unit sizes 04-08: 1/2" OD on 1 row coils and 5/8" OD on 2 row coils. Unit sizes 09-40: 7/8" OD for all coils
- Coil is installed at discharge of unit.
- On units with attenuators, coil are installed at the discharge of attenuator.
- Coils rated and certified to AHRI Standard 410

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



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
20	10	16	5	7 1/4
30	10	27 1/4	5	7 1/4
40	18	38	5	7 1/4

The total length of the unit is the summation of the unit length and the length of the optional water coil.

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