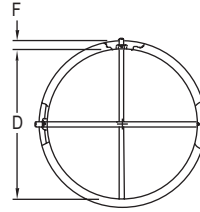
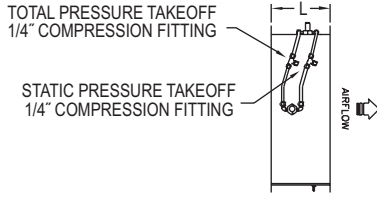
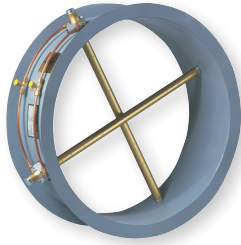
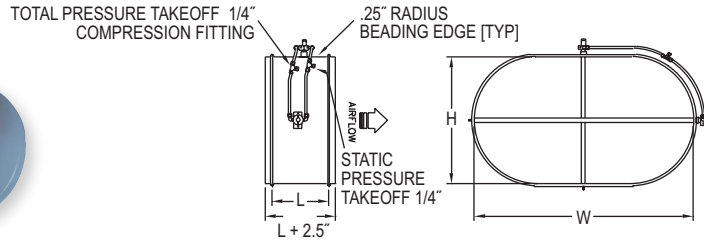
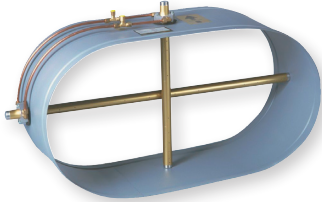


DUCT MOUNTED AIRFLOW MEASUREMENT STATION

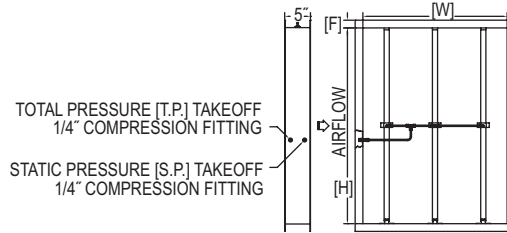
Rectangular, Oval or Circular Configurations



DIMENSIONS - CIRCULAR FLANGE			
Station Size "D"	Flange Thickness	Flange Size "F"	Casing Length "L"
8" - 15"	.064"	1"	6"
16" - 44"	.064"	1-1/2"	6"
45" - 72"	.188"	1-1/2"	10"
73" & over	.188"	2"	12"



DIMENSIONS - OVAL FLANGE			
Station Width "W"	Flange Thickness	Flange Size "F"	Casing Length "L"
Up to 48"	.064"	1-1/2"	6"
Over 48"	.188"	1-1/2"	8"



DIMENSIONS - RECTANGULAR FLANGE	
Station Size "H" or "W"	Flange Size "F"
8" - 72"	1-1/2"
73" & Over	2"

Flow Sensors

The **SERIES FLST** Airflow Measurement Station utilizes an airflow averaging element generating a velocity pressure signal similar to the orifice, venturi, and other primary elements. Single or multiple airflow elements are factory mounted and pre-piped in a casing designed for flanged connection to the ductwork. Multiple elements are joined together for connection to a differential measurement device (gauge, transmitter, etc.) for flow measurement and indication purposes.

FEATURES/BENEFITS

- Low signal-to-noise ratio
- Factory mounted and pre-piped in a flanged duct section (casing)
- Standard construction includes galvanized casing and 6063-T5 anodized aluminum flow sensors
- Standard airflow stations can be operated (in air) continuously in temperatures up to 350°F or intermittently in temperatures up to 400°F

APPLICATIONS

- Building air intake and exhaust flow rate measurement
- HVAC air flow measurement

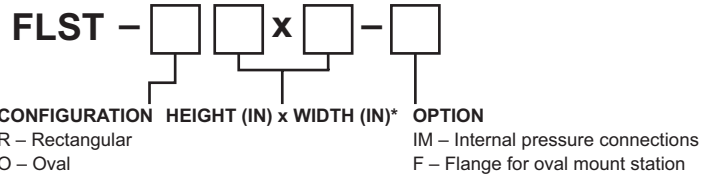
Circular Models



SPECIFICATIONS

Accuracy: Within 2% of actual flow when installed in accordance with published recommendations.
K-Factor: 0.97.
Velocity Range: 100 to 10,000 FPM (0.51-51 m/s).
Wetted Material: Elements: 6063-T5 anodized aluminum; Casings: 16 ga G90 galvanized steel.
Temperature Limits: Galvanized casings and aluminum elements 350°F (177°C) continuous operation (in air) 400°F (204°C) intermittent operation (in air).
Humidity: All airflow stations 0 to 100% non condensing.
Process Connections: 1/4" compression fittings.

Rectangular or Oval Models



Note: When ordering rectangular or oval flow stations, pressure taps will always be located on the longer of the two dimensions.

*Metric dimensions available upon request.

DUCT MOUNTED AIRFLOW MEASUREMENT STATION

Rectangular, Oval or Circular Configurations

MODEL CHART - SERIES FLST RECTANGULAR OR OVAL															
Size	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"
8"	\$237.00	\$273.00	\$280.00	\$289.00	\$287.00	\$296.00	\$295.00	\$296.00	\$299.00	\$298.00	\$303.00	\$309.00	\$319.00	\$331.00	\$343.00
10"	-	280.00	283.00	287.00	289.00	293.00	287.00	292.00	303.00	314.00	319.00	331.00	336.00	343.00	358.00
12"	-	-	435.00	436.00	439.00	443.00	450.00	454.00	463.00	472.00	479.00	473.00	480.00	482.00	482.00
14"	-	-	-	443.00	453.00	456.00	462.00	464.00	472.00	481.00	478.00	485.00	472.00	483.00	492.00
16"	-	-	-	-	461.00	462.00	453.00	455.00	465.00	476.00	470.00	484.00	522.00	539.00	540.00
18"	-	-	-	-	-	463.00	465.00	453.00	456.00	470.00	476.00	492.00	530.00	540.00	574.00
20"	-	-	-	-	-	-	453.00	475.00	495.00	497.00	519.00	531.00	553.00	575.00	596.00
22"	-	-	-	-	-	-	-	488.00	497.00	512.00	531.00	553.00	575.00	596.00	623.00
24"	-	-	-	-	-	-	-	-	633.00	639.00	647.00	635.00	646.00	792.00	796.00
26"	-	-	-	-	-	-	-	-	-	636.00	641.00	646.00	640.00	796.00	805.00
28"	-	-	-	-	-	-	-	-	-	-	646.00	660.00	662.00	790.00	809.00
30"	-	-	-	-	-	-	-	-	-	-	-	651.00	670.00	800.00	809.00
32"	-	-	-	-	-	-	-	-	-	-	-	-	678.00	808.00	819.00
34"	-	-	-	-	-	-	-	-	-	-	-	-	-	832.00	844.00
36"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	847.00

Note: When ordering rectangular or oval flow stations, pressure taps will always be located on the longer of the two dimensions.

MODEL CHART - SERIES FLST RECTANGULAR OR OVAL																
Size	40"	44"	48"	52"	56"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
8"	\$358.00	\$376.00	\$393.00	\$442.00	\$460.00	\$493.00	\$510.00	\$515.00	\$543.00	\$565.00	\$582.00	\$599.00	-	-	-	-
10"	365.00	380.00	403.00	460.00	477.00	499.00	515.00	531.00	549.00	571.00	588.00	604.00	\$626.00	-	-	-
12"	569.00	588.00	613.00	626.00	644.00	657.00	684.00	707.00	728.00	757.00	781.00	801.00	827.00	\$849.00	-	-
14"	587.00	605.00	626.00	642.00	656.00	671.00	694.00	713.00	742.00	764.00	792.00	814.00	835.00	855.00	\$883.00	-
16"	617.00	622.00	641.00	636.00	646.00	677.00	706.00	722.00	742.00	763.00	790.00	810.00	847.00	867.00	889.00	\$915.00
18"	617.00	624.00	651.00	651.00	676.00	678.00	721.00	739.00	773.00	771.00	809.00	828.00	859.00	877.00	904.00	922.00
20"	611.00	625.00	635.00	641.00	665.00	687.00	722.00	760.00	794.00	834.00	870.00	910.00	950.00	989.00	1028.00	1061.00
22"	637.00	664.00	672.00	676.00	712.00	722.00	760.00	794.00	834.00	870.00	906.00	944.00	989.00	1022.00	1061.00	1100.00
24"	802.00	809.00	819.00	833.00	956.00	983.00	991.00	998.00	1003.00	1021.00	1152.00	1181.00	1213.00	1201.00	1171.00	1173.00
26"	808.00	824.00	840.00	847.00	987.00	1005.00	997.00	999.00	1028.00	1039.00	1204.00	1206.00	1214.00	1230.00	1204.00	1224.00
28"	818.00	827.00	842.00	848.00	982.00	1007.00	1032.00	1047.00	1052.00	1064.00	1194.00	1220.00	1228.00	1246.00	1214.00	1250.00
30"	816.00	843.00	845.00	852.00	1012.00	1021.00	1045.00	1058.00	1084.00	1092.00	1225.00	1252.00	1270.00	1290.00	1243.00	1267.00
32"	833.00	847.00	866.00	879.00	1021.00	1032.00	1051.00	1070.00	1088.00	1114.00	1233.00	1258.00	1288.00	1272.00	1339.00	1413.00
34"	847.00	852.00	864.00	870.00	1024.00	1054.00	1060.00	1089.00	1099.00	1119.00	1251.00	1289.00	1258.00	1329.00	1401.00	1480.00
36"	864.00	874.00	856.00	875.00	1027.00	1064.00	1084.00	1109.00	1079.00	1118.00	1227.00	1262.00	1334.00	1413.00	1480.00	1563.00
40"	1078.00	1085.00	1098.00	1117.00	1257.00	1308.00	1355.00	1378.00	1410.00	1428.00	1542.00	1589.00	1628.00	1675.00	1563.00	1625.00
44"	-	1127.00	1138.00	1156.00	1280.00	1314.00	1393.00	1416.00	1463.00	1476.00	1585.00	1620.00	1663.00	1708.00	1625.00	1686.00
48"	-	-	1177.00	1188.00	1306.00	1342.00	1388.00	1443.00	1492.00	1511.00	1600.00	1641.00	1698.00	1730.00	1686.00	1753.00
52"	-	-	-	1224.00	1328.00	1385.00	1436.00	1501.00	1547.00	1579.00	1635.00	1665.00	1730.00	1761.00	1748.00	1814.00
56"	-	-	-	-	1340.00	1374.00	1456.00	1509.00	1547.00	1613.00	1615.00	1647.00	1718.00	1785.00	1864.00	1919.00
60"	-	-	-	-	-	1387.00	1452.00	1517.00	1557.00	1551.00	1613.00	1708.00	1780.00	1853.00	1919.00	2004.00
66"	-	-	-	-	-	-	1648.00	1685.00	1719.00	1745.00	1958.00	2016.00	1996.00	2080.00	2132.00	2249.00
72"	-	-	-	-	-	-	-	1735.00	1706.00	1776.00	2004.00	2066.00	2026.00	2154.00	2271.00	2398.00
78"	-	-	-	-	-	-	-	-	1776.00	1805.00	2013.00	2061.00	2103.00	2225.00	2350.00	2427.00
84"	-	-	-	-	-	-	-	-	-	1929.00	2011.00	2059.00	2177.00	2304.00	2433.00	2499.00
90"	-	-	-	-	-	-	-	-	-	-	2087.00	2132.00	2254.00	2377.00	2499.00	2622.00
96"	-	-	-	-	-	-	-	-	-	-	-	2209.00	2332.00	2455.00	2543.00	2655.00
102"	-	-	-	-	-	-	-	-	-	-	-	-	2502.00	2499.00	2595.00	2700.00
108"	-	-	-	-	-	-	-	-	-	-	-	-	-	2627.00	2750.00	2879.00
114"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2879.00	3002.00
120"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3123.00

Note: When ordering rectangular or oval flow stations, pressure taps will always be located on the longer of the two dimensions.

OPTIONS		
To order add suffix:	Description	Price
-IM	Internal pressure connections (rectangular stations only)	+\$107.00
-F	Flange (oval stations only)	Multiply price by 1.5
-SS1	316 SS elements with 16 GA galvanized casing	Multiply price by 3.2
-SS2	316 SS elements with 16 GA 304 SS casing	Multiply price by 4.2
-SS3	316 SS elements with 16 GA 316 SS casing	Multiply price by 4.7

MODEL CHART - SERIES FLST CIRCULAR														
Size	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	32"	36"	40"
	\$344.00	\$364.00	\$480.00	\$509.00	\$538.00	\$557.00	\$588.00	\$614.00	\$640.00	\$669.00	\$693.00	\$754.00	\$817.00	\$960.00
Size	44"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
	\$1066.00	\$1631.00	\$1675.00	\$1764.00	\$1814.00	\$1910.00	\$2529.00	\$2593.00	\$2809.00	\$2893.00	\$3021.00	\$3188.00	\$3258.00	3320.00

Note: All pricing is Schedule (B). (B) Items are subject to Schedule B discounts.