

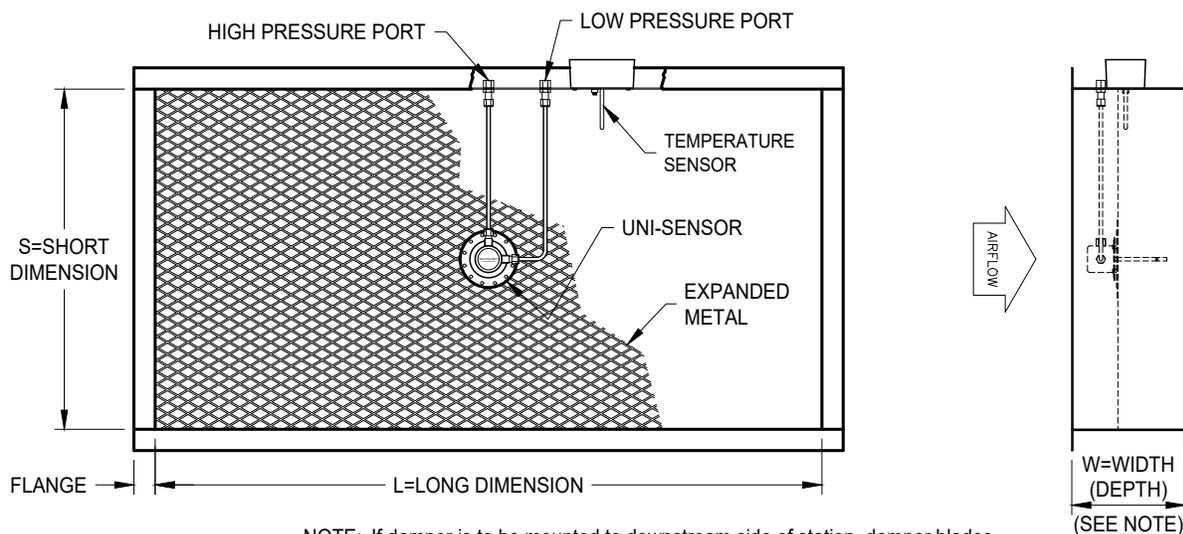
VOLU-fl_o/OAM II AIRFLOW STATION

OUTDOOR AIRFLOW MEASURING SYSTEM

STANDARD CONSTRUCTION

Casing: 14 ga. galvanized sheet metal, intermittently welded, sealed with metal caulking.
Flanges: 1-1/2" wide, 90° formed flanges.
Screen: Flattened galvanized expanded metal. 63% open area. .050" thick, .50" SWD x 1.25" LWD x .096" strand width.
Flow Sensor: Uni-Sensor style, Type 316 Stainless Steel, 3" nominal length. (Note: One sensor per station - Standard. Additional sensors may be required for large size and/or high aspect ratio stations.)
Connection Fittings: 1/4" Stainless Steel compression bulkheads.
Temperature Sensor: 100 ohm platinum RTD, 3 wire.

DIMENSIONAL INFORMATION



ORDER CODE INFORMATION

OAM II AFS - L S W - E F G - H I - (PPP)

L - Casing Long Dimension (or Diameter)
 example: 24-1/2" = 24.50
 Range (for rectangular stations) = 8.00" through 144.00"
 Range (for circular stations) = 13.00" through 52.00"

S - Casing Short Dimension ('R' if Round)
 example: 24-1/2" = 24.50
 Range (for rectangular stations) = 8.00" through 144.00"
 Range (for circular stations) = 13.00" through 52.00"

W - Casing Width (Depth) Dimension
 A = 8.00" D = 20.00"
 B = 12.00" E = 24.00"
 C = 16.00" N = Custom

E - Casing Material
 1 = Galvanized Steel, 14 ga., 1.5" flanges
 N = Custom

(PPP) - Special Configuration

I - Uni-Sensor Design
 3 = 3" Uni-Sensor (default)
 Uni-Sensor length up to 8" in 1" increments (note:
 n = length should be lower depth plus 2" minimum)

H - Number of Uni-Sensors
 (32 sq.ft. per sensor)
 1 = 1 Sensor
 n = Number of Sensors (up to 10 maximum)

G - Process Connections
 1 = 1/8" FPT
 2 = 1/8" NPT with 1/4" compression (std)

F - Expanded Metal
 1 = Galvanized mesh, 63% free area