



AZV-FSD

FLOW SENSOR

DESCRIPTION

The AZ-FSD Air Flow Sensor is designed and developed to provide an accurate measure of the dynamic pressure corresponding to air velocity through the measurement location.

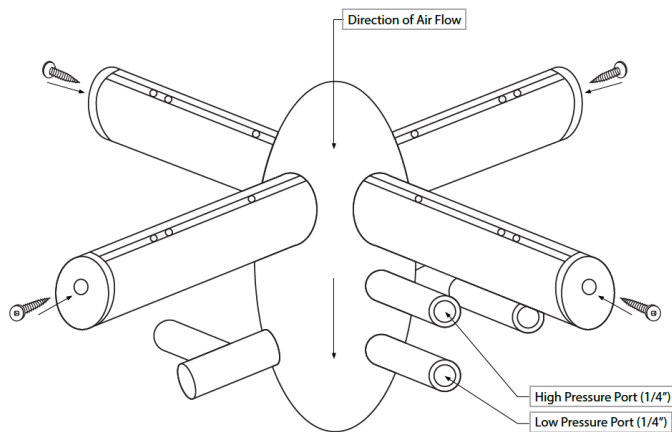
CHARACTERISTICS

- The four rods to measure total pressure and the two angular tubes to measure static pressure are coupled to a center core. This center core has two chambers used to centralize, amplify and balance the various measurements of total pressure and static pressure
- The location and diameter of the openings for measurement on each rod conform to Standard III of ASHRAE
- The aerodynamic shape of the rods and center core minimize static pressure loss, turbulence, and noise level
- The various parts of the velocity pressure sensor are molded out of ABS plastic to achieve the desired strength and durability
- The ABS plastic in use is pre-treated to meet the UL94 standard regarding flame spread in buildings



TECHNICAL SPECIFICATIONS

| MODEL | DUCT DIAMETER | "K" FACTOR |
|----------|----------------|------------|
| AZ-FSD04 | 4" (101MM) | 1.73 |
| AZ-FSD05 | 5" (127MM) | 2.00 |
| AZ-FSD06 | 6" (152MM) | 2.62 |
| AZ-FSD07 | 7" (178MM) | 2.06 |
| AZ-FSD08 | 8" (203MM) | 2.44 |
| AZ-FSD09 | 9" (229MM) | 2.21 |
| AZ-FSD10 | 10" (254MM) | 2.24 |
| AZ-FSD12 | 12" (305MM) | 2.26 |
| AZ-FSD14 | 14" (356MM) | 2.14 |
| AZ-FSD16 | 16" (406MM) | 2.28 |
| AZ-FSD18 | 18" (457MM) | 2.25 |



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