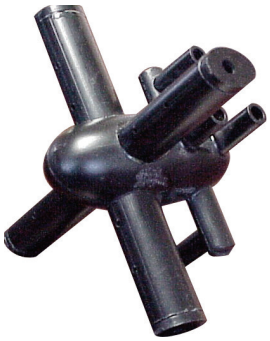
AIR ZOE™



Datasheet

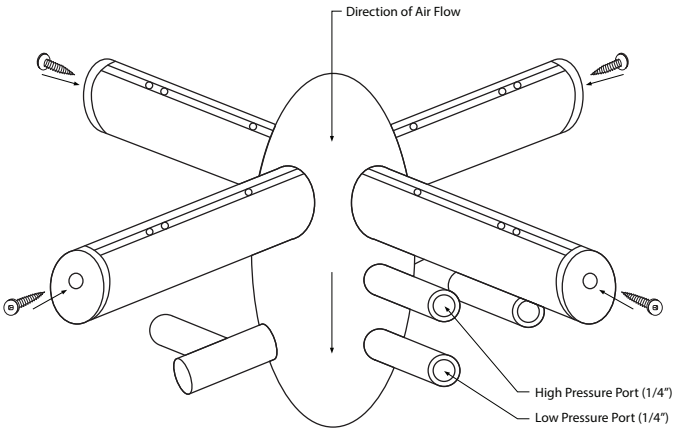
Flow Sensor (AZPL-FSD)

Description

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

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