

Duct Mounted Airflow Measurement Station

Integral Flow Straightener, Ideal for Turbulent Measuring Conditions



Models Select Chart

Rectangular or Oval Models:

EXAMPLE	STRA	O	12	X16	IM	Series STRA-R12X16-IM Duct Mounted Airflow Measurement Station, 12" x 16" oval duct, with internal pressure connections.
SERIES	STRA					Duct Mounted Airflow Measurement Station
CONFIGURATION		O R				Oval Rectangular
DUCT HEIGHT			8 10 12 14 15 16 18 20 22 24 26 28 30 32 34 36 37 40 44 48 52 56 60 66 72 78 84 90 96 102 108 114 120			8" 10" 12" 14" 15" 16" 18" 20" 22" 24" 26" 28" 30" 32" 34" 36" 37" 40" 44" 48" 52" 56" 60" 66" 72" 78" 84" 90" 96" 102" 108" 114" 120"

		200MM 250MM 300MM 350MM 400MM 425MM 450MM 500MM 550MM 565MM 600MM 615MM 700MM 765MM 1000MM 1250MM		200MM 250MM 300MM 350MM 400MM 425MM 450MM 500MM 550MM 565MM 600MM 615MM 700MM 765MM 1000MM 1250MM
DUCT WIDTH			X8 X10 X12 X14 X15 X16 X18 X20 X21 X22 X24 X26 X28 X30 X32 X34 X35 X36 X39 X40 X42 X44 X48 X52 X56 X60 X63 X66 X72 X78	8" 10" 12" 14" 15" 16" 18" 20" 21" 22" 24" 26" 28" 30" 32" 34" 35" 36" 39" 40" 42" 44" 48" 52" 56" 60" 63" 66" 72" 78"

				X84 X90 X96 X102 X108 X114 X120 X250MM X400MM X450MM X500MM X550MM X600MM X615MM X675MM X750MM X770MM X900MM X950MM X955MM X1000MM X1100MM X1200MM X1380MM X1470MM X2400MM	84" 90" 96" 102" 108" 114" 120" 250MM 400MM 450MM 500MM 550MM 600MM 615MM 675MM 750MM 770MM 900MM 950MM 955MM 1000MM 1100MM 1200MM 1380MM 1470MM 2400MM
OPTIONS					F 1-1/2" Flange for Oval Mount Station Only IM Internal Pressure Connections

Circular Models:

EXAMPLE	STRA	C	12	Series STRA-C12 Duct Mounted Airflow Measurement Station, 12" diameter duct.
SERIES	STRA			Duct Mounted Airflow Measurement Station
CONFIGURATION		C		Circular
DUCT DIAMETER			8 10 12 14 16 18 20	8" 10" 12" 14" 16" 18" 20"

		22	22"
		24	24"
		26	26"
		28	28"
		30	30"
		32	32"
		34	34"
		36	36"
		40	40"
		44	44"
		48	48"
		54	54"
		56	56"
		60	60"
		66	66"
		72	72"
		78	78"
		84	84"
		90	90"
		96	96"
		102	102"
		108	108"
		114	114"
		120	120"

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 to 51 m/s).
Wetted Materials	:	Elements: 6063-T5 anodized aluminum; Casings: 16 ga G90 galvanized steel, 3003 aluminum air flow straightener.
Coatings	:	Herewith VRL 500 phenolic coating Imron 333 polyurethane enamel.
Temperature Limits	:	Galvanized Casings and Aluminum Elements 350°F (177°C) continuous operation (in air), 400°F (204°C) intermittent operation (in air).
Humidity Limits	:	All Airflow Stations 0 to 100% non-condensing.
Process Connections	:	1/4" compression fittings.