



Differential Pressure Meter With 25' Control Cable (orange)

Pressure Probes with 25' Return Area Averaging Probe (Green) & 25' 5-Point Supply Area Averaging Probe (Clear)



Adjustable Alternative Method For Corner Lock Hanging (1.5mm Hex)



User Set point control on remote Movable Display Unit



Single Zone Spring Return Damper



Differential Pressure Meter

SPECIFICATIONS

General Information

- Allows For Pressure Control Management in IsoFlo and ContraFlo Cabinets
- Mechanical Spring Loaded Fail Open Operation For 100% Opening In 15 Seconds Or Less
- Zero Maintenance
- 20 Gauge Steel Construction
- Differential Pressure Meter
- Damper Control Variable 0-100%
- User Adjustable Pressure Set Point for Control
- Tool-less Roll-Formed Stringer Attachment or Flexible Cable Hangers
- 23.1"X26.7"X6.2" For Use in >12" FFH
- 19W/VA Peak – 5W/VA Typical

INCLUDED COMPONENTS

- Movable Display unit with 8' Tether & Velcro harness strips
- 4 X Tool less Roll Form Stringer Hangers
- 4 X Adjustable Alternative Method For Corner Lock Hanging (1.5mm Hex)
- Differential Pressure Meter With 25' Power Cable (orange)
- 25' Supply Area Pressure Probe With 5 Inlets (Clear)
- 25' Return Area Pressure Probe With 5 Inlets (Green)

REQUIRED COMPONENTS

- IsoFlo[™] or ContraFlo[™] System
- DirectAire[®] AI
- 4 Or 16 Unit AC Power Supply
- SmartAire[®] Power Cable (Green)
- SmartAire[®] C (For Multiple Units in an Aisle)
- Power/Control Cable (Blue) (1 per ea. SmartAire[®] C Unit(s))

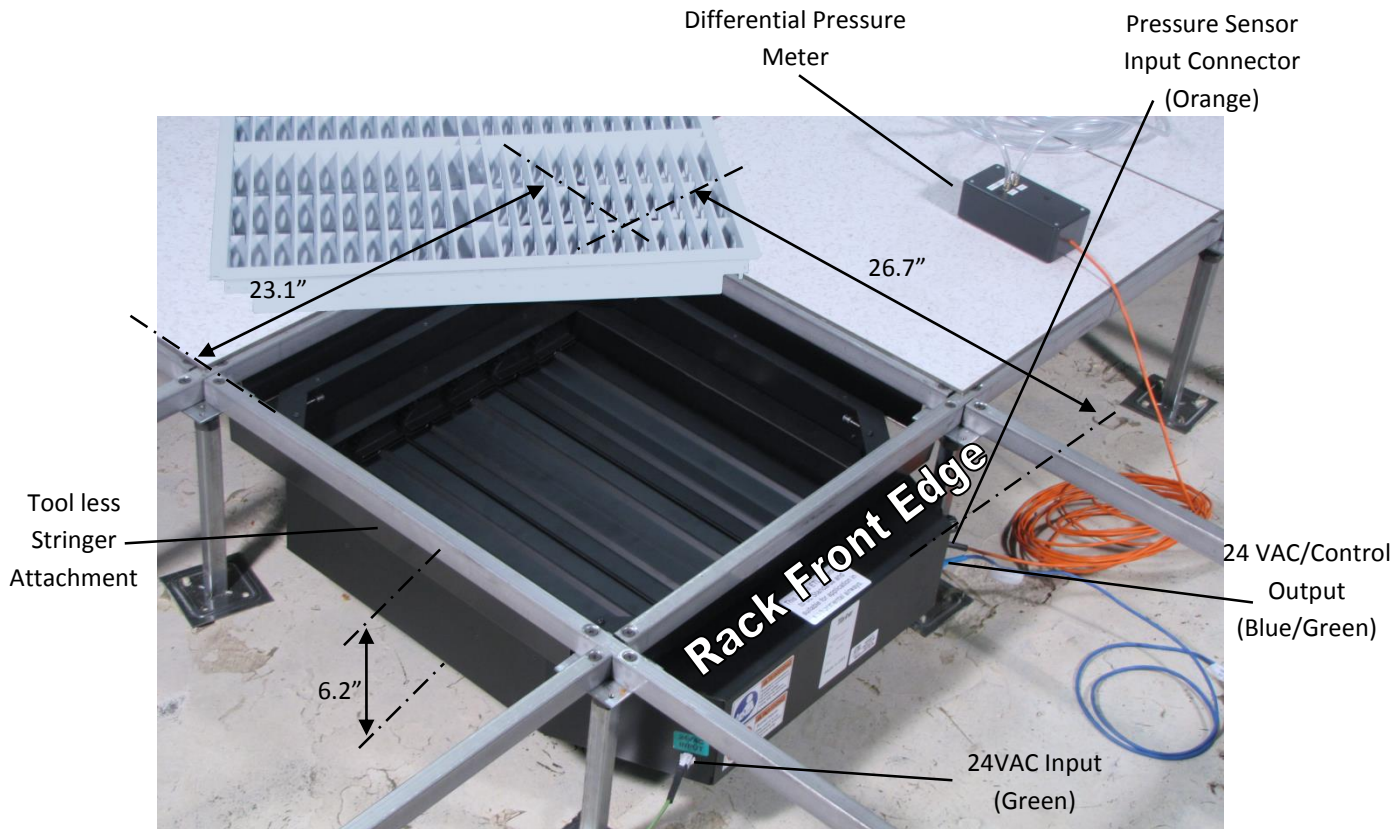
UNDERSTRUCTURE

- 24" Bolted Steel System
- 24" Wood Core Systems
- 60cm Bolted Steel System

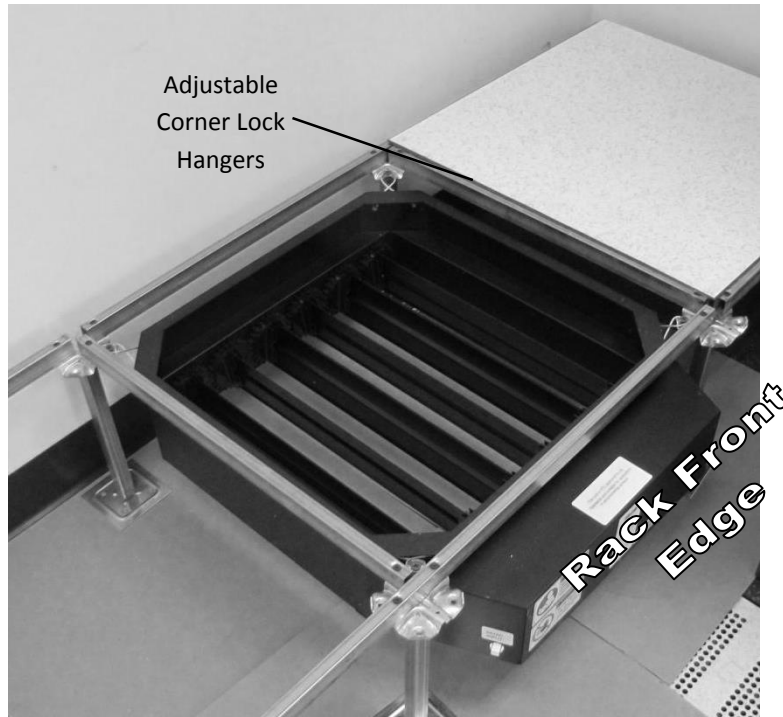
PERFORMANCE

CFM @ Static Pressure (in. wc)	SmartAire [®] PMD Paired with DirectAire [®] AI					
	IsoFlo™ Install		IsoFlo Lt™ Install		ContraFlo™ Install	
	0% Open	100% Open	0% Open	100% Open	0% Open	100% Open
0.02	82	497	93	456	250	769
0.04	117	713	123	655	230	870
0.05	130	792	130	732	386	1072
0.06	142	872	141	785	352	1103
0.08	163	973	165	901	261	1126
0.1	186	1091	184	1009	306	1376
0.12	215	1216	212	1116	351	1658
0.14	235	1309	230	1197	420	1807
0.16	251	1384	252	1296	490	1970
0.18	262	1471	263	1370	520	2040
0.2	277	1583	276	1464	490	2110

INSTALLATION – 24" STEEL WELDED



INSTALLATION – 60 CM STEEL WELDED



INSTALLATION – 24" WOODCORE



WIRING SCHEMATIC

