



DATA SHEET

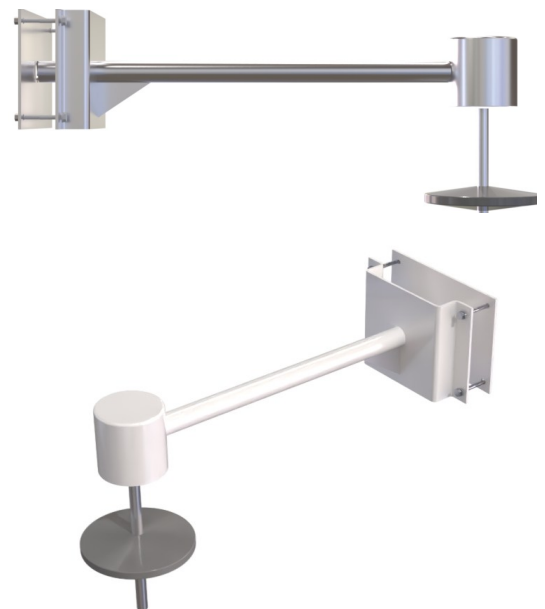
PrecisionShield - Static Pressure Head Assembly

Rugged Outdoor Enclosure for Building-Mounted Sensors

The PrecisionShield is a heavy-duty, industrial-grade static pressure monitoring assembly designed for outdoor data center use. It provides clean look and simple installation while fully protecting wiring and connections — compatible with any manufacturer's static pressure head.

Key Features

- **1.5" Rigid Aluminum Conduit Arm** with minimum 40" (1m) extension for optimal exposure
- **Through-Wall Sandwich Bracket** for maximum rigidity and secure mounting
- **6" x 6" Solid-Top Wiring Cylinder** with fully open bottom and precision 6-inch sensor clearance
- **Optimized Sensor Suspension** that preserves symmetrical airflow for accurate static pressure
- **Rigid Conduit System** with 1.5" NPT thread and conduit body connection inside the building for clean, code-compliant wiring integration
- **Custom Premium Color Coated** to match the building.



Benefits

- Maintains high-accuracy static pressure measurement in wind, rain, and hail
- Superior protection for wiring and electrical connections
- Fast, secure installation with minimal building disruption
- Clean, corporate-industrial appearance suitable for Tier III/IV facilities
- Reduced maintenance and lower total cost of ownership

Ideal for data centers requiring reliable outdoor barometric reference for CRAC/CRAH units, building pressurization, and DCIM systems.

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