


High Beta[®] Process Flow Conditioner (HBP)


The High[®] Beta Flow Conditioner is a proprietary-designed flow conditioning device, designed to eliminate cyclonic, turbulent and reverse flow, while minimizing pressure loss in almost any installation, including those with relatively few or almost no straight duct runs upstream or downstream. The High Beta[®] integrates flow-straightening vanes and a flow-profiling section with the precise measurement accuracy of the VAP³[®] Pitot to offer flow conditioning and accurate air flow measurement, even when placed directly downstream of an elbow, damper or other duct obstruction.



- **Incorporates VAP³[®] Pitots:** Optimizes accuracy
- **Integrated Flow Measurement:** Low-cost high-speed in-duct installations
- **Integral Straightening Vanes:** Stops cyclonic flow
- **High Beta[®]:** Profiles the flow stream
- **Profiles Flow for Measurement:** Enables insertion near obstructions
- **Constant Diameter in Measurement Area:** Ensures accuracy and repeatability
- **Rugged:** Long life with no maintenance



**POSSIBLE
PROCESS
APPLICATIONS**



Fluid Bed Dryers
Pneumatic Conveyance Systems
Process Exhaust Systems
Scrubbers
HVAC

Anywhere Flow Straightening and Accurate Air Flow Measurement is Required

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