

# VAP<sup>3</sup>® Pitot

VAP<sup>3</sup>® Pitots have a unique Velocity Averaging and Parallel Plate proprietary design. When inserted into air or gas flow ducts, VAP<sup>3</sup>® Pitots provide an accurate differential pressure output that allows for precise flow measurement and control of your process. VAP<sup>3</sup>® Pitots work well with almost any transmitter and are designed for both clean air applications (VAP<sup>3</sup>®/SA) and for heavily particulate-laden applications (VAP<sup>3</sup>®/PA-Plug Resistant). Both styles of VAP<sup>3</sup>® Pitots can be installed directly into ducts or can be incorporated into flow-conditioning devices, such as the High Beta®, which are designed for installations where turbulent air and insufficient duct runs are present.



## ENGINEERED SOLUTIONS

### Heated Pitot:

Areas prone to ice buildup

### Duct Section VAP<sup>3</sup>® (DSV):

Mounted within spooled duct section for easy installation

### VAP<sup>3</sup>®/XL Pitot:

Duct installations up to 240"

And Many More...

- **Velocity Averaging Parallel Plate Design:** Multiple differential pressure-sensing ports allow velocity averaging throughout the full traverse of the duct
- **VAP<sup>3</sup>®/PA Resists Airborne Particulate Plugging:** No blast purge system is required
- **Hardened, Slick Surface:** Teflon® hard anodized 6063 aluminum extrusion with a Rockwell Hardness of 65C (for temperatures up to 700° F)
- **Low Profile Design:** Minimizes unrecovered pressure loss
- **Engineered Options:** See the accompanying list of available engineered options

## VAP<sup>3</sup>® Pitot Arrays in Various Duct Orientations

