

## CPA 55E/65E

The CPA 55E and 65E are CPA's newest flow conditioner models. They use a unique, cutting edge stepped profile geometry to result in higher performance, lower turbulence and lower noise.

## CPA 55E



- **Optimized for more severe measurement scenarios where meter performance and meter run length are critical.**
- **Recommended for gas applications such as; natural gas, air, oxygen, hydrogen, any other high velocity/high Reynolds number scenarios.**
- Similar pressure drop to the CPA 50E to maintain flow profile aggressiveness.
- Optimized for Gas Ultrasonic, Turbine and Orifice applications.
- Increased swirl and cross flow elimination.
- Innovative stepped design was optimized using fluid dynamic fundamentals; noise levels are up to 30 dB lower than the CPA 50E and lower amounts of turbulence are generated, allowing the flow conditioner to be installed much closer to ultrasonic meters.
- Minimum 6D (3D Upstream, 3D Downstream) for gas USM applications (AGA9/OIMLR137), optimal is 10D (5D Upstream, 5D Downstream).
- Minimum 10D (5D Upstream, 5D Downstream) for gas turbine applications (AGA7) and other meter types.
- Stocked in 316SS, NACE MR0175 in sizes 2" – 16", schedules 40/80, Type A for ANSI RF flanges, custom sizes are available!
- Can be custom made in Type B (FWO RF), Type D (RTJF/RTJF) and many other installation options for custom applications.