

SPOTLIGHT

Industrial Boiler

How well have you optimized your process?

Steam Output

"Accurately monitor steam at header before distribution for effective process optimization"

APPLICATION CHALLENGES

- High temperature
- High pressure
- Restricted accessibility
- Condensate present
- Boiler carry-over

IDEAL PRODUCTS

- VF3 Insertion Vortex
 - Multivariable transmitter
 - Hot-Tap capable design
 - Low maintenance
 - Mass flow measurement
 - Remote electronics



Feed Water Input

"Accurate water input flow monitoring for steam conversion efficiency"

APPLICATION CHALLENGES

- High temperature water
- High pressure
- Independent conductivity

IDEAL PRODUCTS

- VF4 Inline Vortex
 - Multivariable transmitter
 - Low maintenance
 - Mass flow measurement

Fuel Gas to Burner

"Ensure complete combustions with minimal emissions"

APPLICATION CHALLENGES

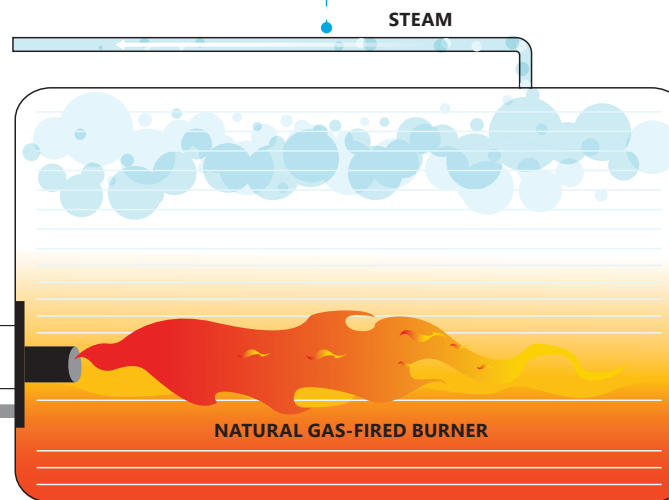
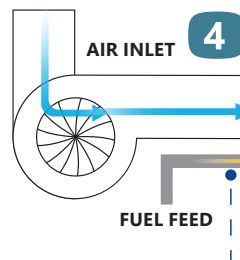
- Natural Gas composition variability
- Low flow, low pressure
- Mass flow required

IDEAL PRODUCTS

- FT1 Insertion Thermal Mass
 - In-situ Calibration Validation w/ cert.
 - No temp or pressure compensation needed
 - Gas selection menu - (multiple fuels)

OTHER PRODUCT OPTIONS

- Hot-tap assembly
 - Offers retractability for maintenance
- Inline or insertion installation



SIMPLIFIED INDUSTRIAL BOILER

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ALTERNATE FLOW METERS

- FT4A Flow Meter
 - enhanced gas menu selections
- FT4X Flow Meter
 - AC power available, data logger

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COMBUSTION AIRFLOW

- VELTRON DPT-Plus Transmitter
 - best for Class I Div 1
- CA Station Combustion Airflow Measurement System
 - best for limited straight runs

