

# Application Optimizer

## SPOTLIGHT

### Process Heaters

How well have you optimized your process?

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FT4A

#### Fuel Gas to Burner

"Ensure complete combustions with minimal emissions"

#### APPLICATION CHALLENGES

- Variety of Fuel compositions
- Low flow, low pressure
- Mass flow desired

#### IDEAL PRODUCTS

- Fox Thermal FT1/FT4A/FT4X
  - In-situ Calibration Validation w/ cert.
  - No temp or pressure compensation needed
  - Gas selection menu - (multiple fuels)

#### OTHER PRODUCT OPTIONS

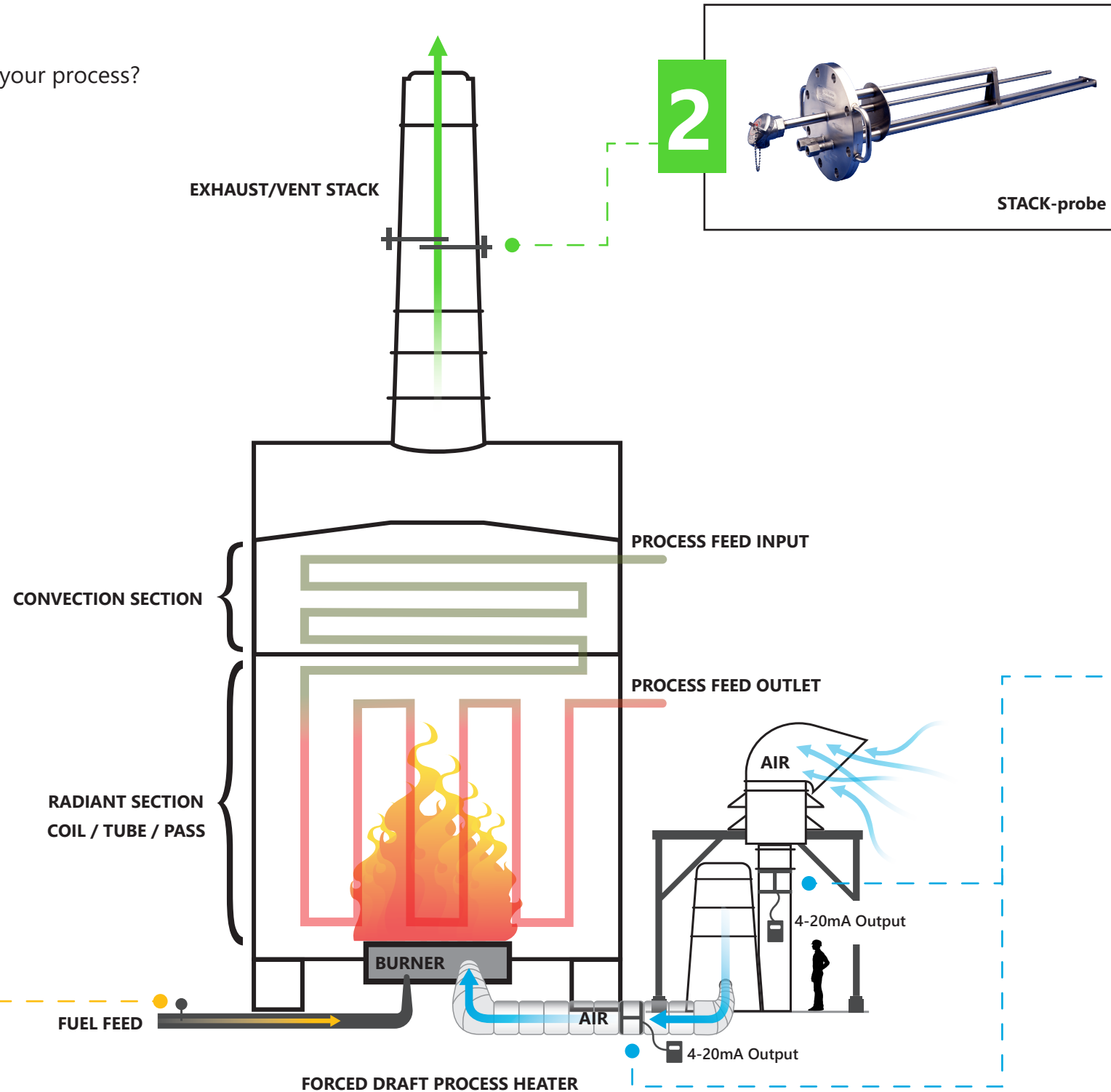
- Retractor assembly
  - online maintenance
- Inline or insertion installation

#### WITH MULTIVARIABLE TRANSMITTER 2 3

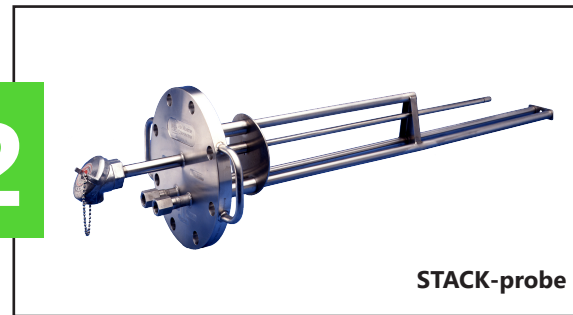
- MASS-tron II Transmitter
  - best for standard applications
- VELTRON DPT-Plus
  - best for Class 1 Div 1

#### OTHER PRODUCT OPTIONS 2 3

- AUTO-purge III
  - best for dirty service
- Custom material selections:
  - Hastelloy, corrosion-resistant
  - Inconel, high temperatures
- Multipoint temp probe



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STACK-probe

### Exhaust to Atmosphere

"Stay in compliance with EPA and other air quality regulations"

#### APPLICATION CHALLENGES

- Dirty exhaust gas potential
- Reporting typically required
- Corrosive potential
- High temperature

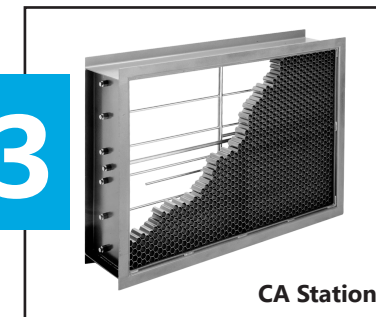
#### IDEAL PRODUCTS

- STACK-probe
  - Multipoint averaging probe
  - Closely matches the EPA RATA test

#### WITH TRANSMITTER

- MASS-tron II/CEM (continuous emissions monitoring)
  - AUTO-zero, eliminate transmitter zero error
  - AUTO-cal, measure transmitter zero & span drift
  - Temperature and absolute pressure compensated mass flow output

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CA Station

### Air Inlet

"Optimize combustion and eliminate false trips"

#### APPLICATION CHALLENGES

- Limited straight run available
- High-turndown, low velocity
- Particulate-laden gas stream

#### IDEAL PRODUCTS

- CA Station Combustion Airflow Measurement System
  - best for limited straight runs
- VOLU-probe/SS Airflow Traverse Probe
  - best for moderate straight run

Schedule time with one of our experts.

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