Eliminating Natural Gas Emissions Reduces Operating Costs

**Lost and Unaccounted for Gas Sources**

Over 95% of Lost and Unaccounted for Gas at metering and regulating stations comes from venting pneumatic controllers.¹ Both continuous bleed controllers and intermittent bleed controllers are designed to bleed gas to the atmosphere while actuating the valve.

**Solution**

The Type FL and EZH Series pressure regulators eliminate bleed gas to atmosphere utilizing a self-contained control system, which bleeds 100% of the gas to the downstream system.

<table>
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<th>DOLLARS LOST FROM GAS EMISSIONS PER DEVICE¹(2)</th>
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<td>$35,000</td>
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PRODUCT LIFECYCLE (YEARS)

2. Source: EPA – Oil and Natural Gas Sector Pneumatic Devices Report; assuming $7/Mcf natural gas price.

$261,000 Gas Lost Every Year per 200 Controllers

**Emerson. Consider It Solved.**
Natural Gas Emissions - A Bleed on Your Budget

No-Bleed Steady-State Controller

Gas Emissions

Steady State

Actuating

No-Bleed Steady-State Controllers vent gas to the atmosphere during changes in flow demand.

Type FL and EZH Series Regulators

Gas Emissions

Steady State

Actuating

Type FL and EZH Series Regulators vent gas to the downstream piping during changes in flow demand.

Specifications

Type FL

- Body Sizes: NPS 1, 2, 3, 4, 6, 8 and 10 / DN 25, 50, 80, 100, 150, 200 and 250
- Max Inlet Pressure: 1480 psig / 102 bar
- Max Outlet Pressure: 1480 psig / 102 bar
- Outlet Pressure Range: 14.5 to 1160 psig / 1.0 to 80.0 bar

EZH and EZHSO Series

- Body Sizes: NPS 1, 2, 3, 4, 6, 8 and 12 x 6 / DN 25, 50, 80, 100, 150, 200 and 300 x 150
- Max Inlet Pressure: 1500 psig / 103 bar
- Max Outlet Pressure: 1500 psig / 103 bar
- Outlet Pressure Range: 14.5 to 1160 psig / 1.0 to 80.0 bar