

Spartan Energy's gas coolers are designed to provide producers, gatherers, and transporters with effective and efficient gas cooling services.

Spartan Energy | Gas Coolers

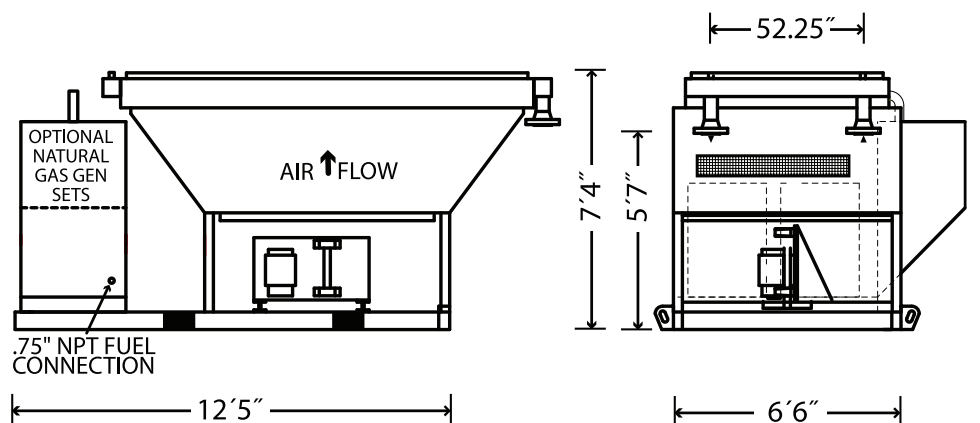
Overview

- Coolers designed to maximize uptime and reduce total costs to customers
- Coolers available for sale, rental, and—in select geographies—contract operation
- Skid mounted for rapid delivery and re-deployment
- Coolers available with or without a self-contained natural gas generator
- Technical assistance available for the installation and maintenance of the gas coolers



System Design Features

- Wheel fin design on tubes offers 10-30% greater heat transfer than a conventional fin; More efficient design reduces power needs and package footprint
- High performance, low noise design reduces noise level by approximately 20 decibels from industry standard designs
- Highly mobile – skid-mounted for ease of deployment, re-deployment
- Forced draft design means less wear on fan components and greater uptime
- Stainless cooler tubes to reduce corrosion and flaking into gas stream
- Self contained power source available which eliminates need for external power source



SIDE ELEVATION

FRONT HEADER -- END VIEW
DRIVE GUARDS OMITTED FOR CLARITY

Measurements for reference only.



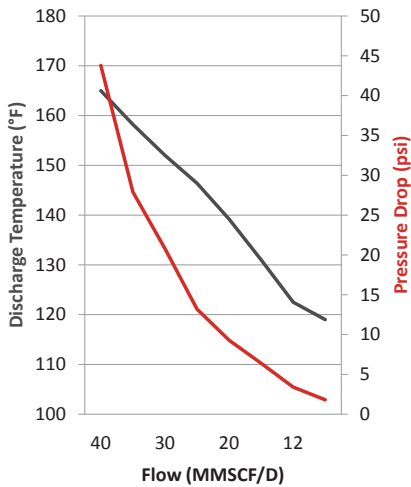
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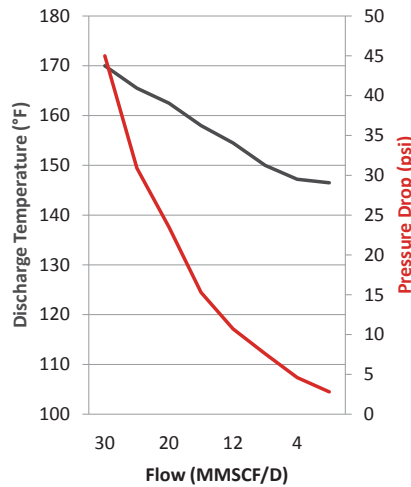
Performance

Legend:
 — Discharge Temperature (°F)
 — Pressure Drop (psi)

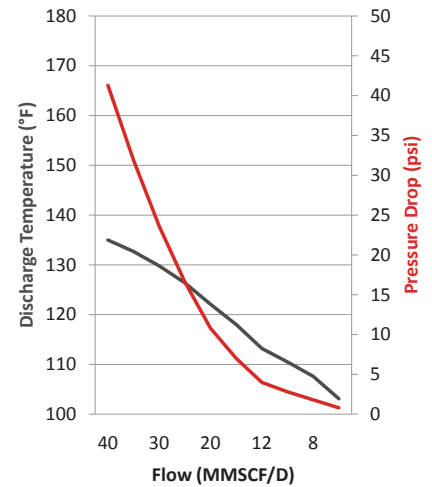
Eagle Ford 200 BPD



Eagle Ford 650 BPD



Typical Haynesville



Inlet Conditions: Pressure = 1000 psi ; Temperature = 200°F; ρ = 0.59

The Spartan Advantage

Spartan exists to partner with oil & gas producers, gatherers, and transporters in getting hydrocarbons to market. Our guiding principal—in everything we do—centers around creating success for our customers. When our customers win, we win. We commit to provide unparalleled levels of responsiveness and service.

Inquiry Form

Please fill out the information and fax 281-466-3320 or scan (inquiry@spartanep.com) to us, so we can provide a service proposal.

Customer _____ Cooling Location _____
 Contact _____ County/City _____
 Address _____ State _____ Zip Code _____
 Phone _____ Email _____

In addition to this information, Gas Composition Analysis is needed for us to generate performance runs. Please scan or fax and submit with this document.

Inlet Specific Gravity _____ Inlet Gas Flowrate (Mmcfd) _____
 Inlet Gas Pressure (PSIG) _____ Inlet Gas Temperature (F°) _____
 Desired Outlet Gas Temperature (F°) _____



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The Spartan Advantage: A Higher Standard in Gas Services