



EQUIPMENT PROFILE

High Rate Flameless Nitrogen Pumper

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FourQuest Energy's high rate flameless nitrogen pumper is a fully integrated, trailer-mounted, nitrogen-pumping unit specifically designed for efficient nitrogen delivery.

While other flameless nitrogen units rely on glycol heat generation systems, our flameless nitrogen pumper uses recycled heat and surrounding air to provide high flow delivery. This system completely eliminates any potential glycol system failure and delivers double the rate of conventional flameless nitrogen units. The non-glycol system also allows for a smaller engine to power the unit, greatly improving its fuel consumption.

Equipment

FourQuest's flameless nitrogen pumpers offer full remote capability with programmable set points for flow rate, pressure, and temperature control. This allows the unit to be operated safely from a distance of 122 m (400 ft), making it ideal for providing nitrogen services in potentially hazardous environments.

Our pumpers are fully winterized with a compact design for a smaller on-site footprint. Their safety features and easy to operate design ensure a safe, hassle free, and efficient operation.

- > Large storage tank (9000 m³)
- > Remote controlled operational capabilities
- > Non-fired heat exchanger
- > Easily operated and supported



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Applications

The FourQuest flameless nitrogen pumper is suitable for multiple upstream and downstream applications, including but not limited to:

- > Pneumatic testing
- > Plant commissioning
- > Pipeline drying and purging
- > Plant nitrogen supply
- > Underbalanced drilling
- > Helium leak testing
- > Well clean outs
- > Catalyst clean outs
- > Well injection tests
- > Accelerated cool downs

Capabilities

Nitrogen delivery: 5 m³ per minute to 150 m³ per minute

Operating temperature: -20°C (-4°F) to 50°C (122°F)

Discharge pressure: 0 to 4500 psi (31.0 MPa)



Skid Footprint

	Length	Width	Height	Weight
Tractor & Trailer	20 m (65.5 ft)	2.59 m (8.5 ft)	3.96 m (13 ft)	93,660 kg (full weight)
Trailer only	14.3 m (47 ft)	2.59 m (8.5 ft)	3.96 m (13 ft)	66,570 kg (empty weight)



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