

# Pressure Reduction System

Clean Energy designs and delivers advanced pressure reduction systems engineered for safe, reliable, and efficient natural gas pressure control. Our systems support utility networks, industrial facilities, LNG/CNG applications, and temporary or mobile gas-supply operations. We combine deep engineering expertise with modular, customizable designs to meet a wide range of flow, pressure, and environmental requirements.

## Key features:

- Inlet filtration (optional)
- Fully mobile
- Primary and secondary pressure regulation
- Heating system (electric heaters or heat exchangers)
- Over-pressure and over-temperature protection
- Advanced control and monitoring
- Predictive maintenance
- Enhanced safety system (automatic shutoff)
- Skid mounted or modular design
- Isolation valves (maintenance and operational flexibility)
- Compliance to industry standards
  - ASME
  - API
  - NFPA
  - Or local regulatory codes

## Specifications:

- 100 HP compressor (main motor)
- Inlet MAWP: 4500 PSIG
- Outlet pressure range: 25–720 PSIG
- Inlet temperature: -40°F–140°F
- Outlet temperature: 60°F nominal
- Environment: 10°F–120°F

