



T6500

Pressure Reduction System



Technical Specifications

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| Design Code: | ASME B31.3, NFPA 70 |
| Electrical Approvals: | Intertek Approval on Control Panel for Class 1, Zone 2 |
| Inlet Design Pressure: | 1310 psig |
| Design Temp: | -40°F to 300°F |
| Downstream Pressure: | 75 to 400 psig |
| Design Flow Rate: | 6.5 MM SCF per day (4,514 SCFM) |
| Trailer Inputs: | 3" Class 600 |
| Power Requirements: | Solar 24VDC controls w/ battery system (No external Power Required) |
| Main Burner: | 1,500,000 BTU/HR |
| Pilot Burner: | 7,000 BTU/HR |
| Remote Monitoring: | Cloud-based ScadaCore system including alarm call outs |
| Fuel Type: | Sweet Natural Gas |
| Heat Transfer Fluid: | Propylene Glycol (50-50) |
| Filtration: | Inlet Filter/Separator with Discharge Mesh Strainer |

Burner System & Shutdown Setpoints:

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|-------------------------|---|
| Burner Off Temp: | 70°C (158°F) |
| Burner On Temp: | 80°C (176°F) |
| Burner Alarm Temp: | 90°C (194°F) |
| Discharge Gas Pressure: | Set based on customer required pressure |
| Discharge Temp Low: | -5°C (23°F) |