



# T3500

## Pressure Reduction System



### Technical Specifications

|                        |   |
|------------------------|---|
| 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:      | 3.5 MM SCF per day (2,431 SCFM)                                     |
| Trailer Inputs:        | 3" Class 600  |
| Power Requirements:    | Solar 24VDC controls w/ battery system (No external Power Required) |
| Main Burner:           | 1,000,000 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:**

|                         |  |
|-------------------------|--|
| 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)  |
| Burner System:          | Combustex BMS with fully compliant B149.3 burner train |