



C6500

Pressure Reduction System



Technical Specifications

Design Code:	ASME B31.3, NFPA 70, CSA B51, CSA B149.3, CSA C22.1
Electrical Approvals:	Intertek Approval on Control Panel for Class 1, Zone 2
Inlet Design Pressure:	4700 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 Auto-Switching Inputs with 1" Male Oasis HC-308 Couplings
Power Requirements:	Solar 24VDC controls w/ battery system (No external Power Required)
Main Burner:	3,000,000 BTU/HR
Pilot Burner:	16,500 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 Coalescing Filter, Parker J-Series or equivalent

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:	0°C (32°F)
Burner System:	Combustex BMS with fully compliant CSA B149.3 burner train. Third Party CSA B149.3 Approval by Enefen