



C3500

Pressure Reduction System



Technical Specifications

Design Code:	ASME B31.3, NFPA 70
Inlet Design Pressure:	4500 psig
Design Temp:	-20°F to 300°F
Downstream Pressure:	30 to 600 psig
Design Flow Rate:	3.5 MM SCF per day (2,430 SCFM)
Trailer Inputs:	4 with optional auto-switching
Power Requirements:	Solar 12VDC controls with option for 120V Shore Power
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)

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 Low:	40 psig
Discharge Gas High:	Set to match customer required pressure
Discharge Temp Low:	-29°C (-20°F)