

PRESSURIZED STORAGE TANK

UNIT: ST133

PERFORMANCE

Maximum Allowable Working Pressure	100 psi (689.6 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-20°F/400°F (-29°C/204°C)
Liquid Storage Capacity	80 m ³ (503 bbl)
Maximum Vessel Gas Flow Rate (limited to PRV)	19.07 mmscf/d (540 e3m3/d)
Pressure Relief Valves Max Flow Rate	19.07 mmscf/d (540 e3m3/d)
System Maximum Gas Rate @ 90% Maximum pressure	17.16 mmscf/d (485.9 e3m3/d)

VESSEL DIMENSIONS

Diameter (ID)	108" (2,743.2 mm)
Length S/S	41' – 2" (12.55 m)

FLUID TRANSFER SIZE & PRESSURE RATING

Inlet size	4" (101.6 mm)
Inlet pressure rating	100 psi (689.6 kPa)
Gas Outlet size	4" (101.6 mm)
Liquid outlet size	3" (76.2 mm)

FLOW INSTRUMENTATION

Gas Measurement	V-Cone 4" (101.6 mm)
	V-Cone 2" (50.8 mm)

SHIPPING DIMENSIONS

Width	11' – 10" (3.61 m)
Length	47' – 11" (14.61m)
Height	11' – 6" (3.51 m)
Weight Estimate	52,000 lbs (23,587 kgs)

CERTIFICATION

Vessel	ASME Sec. VIII Div. 1
Piping	ASME B31.3
Province(s) of Registration	AB
Sour Service NACE Standard	MR0175/ISO15156

