

PRESSURIZED STORAGE TANK

UNIT: ST021

PERFORMANCE

Maximum Operating Pressure (limited to PSV set pressure)	100 psi (689 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-50°F/400°F (-46°C/204°C)
Liquid Storage Capacity	447 bbl (71 m ³)
Maximum Gas Flow Rate @ 90% Maximum pressure	15 MMscfd (422.55 e ³ m ³ /d)
Max Gas Flow rate*	32 MMscfd (902 e ³ m ³ /d)
Pressure Relief Valves Max Flow Rate	17.89 MMscfd (504.85 e ³ m ³ /d)

*Alteration to system associated piping required

VESSEL DIMENSIONS

Diameter (ID)	108" (2,743.2 mm)
Length S/S	36' (10.97 m)

FLUID TRANSFER SIZE & PRESSURE RATING

Inlet size	6" (152.4 mm)
Inlet pressure rating	100 psig (689 kPa)
Gas Outlet	4" (101.6 mm)
Liquid Outlet size	4" (101.6 mm)

FLOW INSTRUMENTATION (OPTIONAL)

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

SHIPPING DIMENSIONS

Width	10'-2" (3.1 m)
Length	50' (15.3 m)
Height	12'-6" (3.81 m)
Weight Estimate	54,235 lbs (24,600 kg)

CERTIFICATION

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

