

**FRAC SEPARATOR**

**UNIT: FS720**

**PERFORMANCE**

Maximum Operating Pressure (limited to PSV set pressure)	720 psi (4,964 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-20°F/100°F (-29°C/38°C)
Liquid Storage Capacity	84.5 bbl (13.4 m <sup>3</sup> )
Maximum Gas Flow Rate @ 90% Maximum pressure	38.19 MMscfd (1,081 e <sup>3</sup> m <sup>3</sup> /d)
Maximum Liquid Rate (operating ½ full)	60,800 bbl/day (9,666 m <sup>3</sup> /day)
Liquid Retention Time at maximum flow rate	1 minute
Pressure Relief Valves Max Flow Rate	38.19 MMscfd (1,081 e <sup>3</sup> m <sup>3</sup> /d)
System Maximum Gas Rate (limited by PSV)	38.19 MMscfd (1,081 e <sup>3</sup> m <sup>3</sup> /d)

**VESSEL DIMENSIONS**

Diameter	84" (2,133 mm)
Length S/S	10' (3.05 m)

**FLUID TRANSFER SIZE & PRESSURE RATING**

Inlet size	3" (76.2 mm)
Inlet pressure rating	720 psig (4,964 kPa)
Gas Outlet	6" (152.4 mm)
Oil Outlet size	3" (76.2 mm)
Water outlet size	3" (76.2 mm)
Outlet's pressure ratings	720 psig (4,964 kPa)

**FLOW INSTRUMENTATION**

Gas Meter	6" (152.4 mm) V-Cone
Back Pressure	4" (101.6) Model 83 Grove
Dump Valve	2" FMT-PO Motor Valve
Differential Recorder	Barton

**SHIPPING DIMENSIONS**

Width	9' 10" (3.00 m)
Length	30' 7" (9.32 m)
Height	12' 9" (3.89 m)
Weight Estimate	52,000 lbs (23,600 kg)

**CERTIFICATION**

Vessel	ASME Sec. VIII Div. 1
Piping	ASME B31.3
Province(s) of Registration	AB

