

HORIZONTAL SEPARATOR

UNIT: R1140

PERFORMANCE

Maximum Operating Pressure	740 psi (5,110 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-20°F/100°F (-28°C/38°C)
Liquid Storage Capacity (Operating @ 50%)	
Maximum Vessel Gas Flow Rate @ 1,440 psi (9,928 kPa) Pressure	
Maximum Vessel Water Rate based on 3-minute residence time	
Maximum Piping Gas Flow Rate @ 1,440 psi (9,928 kPa)	
Maximum Piping Liquid Flow Rate @ 1,440 psi (9,928 kPa)	
Pressure Relief Valves Max Flow Rate	
System Maximum Gas Rate (limited by piping)	

VESSEL DIMENSIONS

Vessel Diameter OD	48"
Vessel Length S/S	144"
Inlet Nozzle Size	10" 300#
Gas Outlet Nozzle Size	10" 300#
Liquid Nozzle Size	2" 300#
Liquid Nozzle Size	2" 300#

SKID CONNECTIONS

Connection Inlet Size	10" 600#
Connection Gas Outlet Size	14" 300#
Connection Water/Oil Outlet Size	2" 300#



FLOW INSTRUMENTATION

Tore System	Not Installed
Condensate Meter	TBC
Water Meter	Not Installed
Differential Recorder	Not Installed

SHIPPING DIMENSIONS

Width	TBC
Length	29'-6"
Height	15' - 7"
Weight Estimate	TBC

CERTIFICATION

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

