

VERTICAL SEPARATOR

UNIT:R112

PERFORMANCE

Maximum Operating Pressure	1440 psi (9928 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-20°F/100°F (-29°C/38°C)
Liquid Storage Capacity	
Maximum Vessel Gas Flow Rate @ psi (kPa) Pressure	
Maximum Vessel Condensate Rate based on 3 minute residence	
Maximum Vessel Water Rate based on 3 minute residence time	
Maximum Piping Gas Flow rate @ psi (kPa)	
Maximum Piping Condensate Flow Rate @ psi (kPa)	
Maximum Piping Water Flow Rate @ psi (kPa)	
Pressure Relief Valves Max Flow Rate	
System Maximum Gas Rate (limited by PSV)	

VESSEL DIMENSIONS

Vessel Diameter	16" (406.4 mm)
Vessel Length S/S	72" (1829 mm)
Inlet Nozzle Size	2" (60.3 mm)
Gas Outlet Nozzle Size	2" (60.3 mm)
Oil Outlet Nozzle Size	1" (33.4 mm)
Water Outlet Nozzle Size	1" (33.4 mm)



FLOW INSTRUMENTATION

Gas Meter	2" Daniel Senior
Condensate Meter	Nuflo 1" turbine
Water Meter	Nuflo 1" turbine
Fuel Gas Meter	
Differential Recorder	

VALVE DETAIL

	Make	Model	Serial Number	Size	Trim
Condensate				1" lcv	
Water				1" lcv	
Fuel Gas Meter					

PSV DETAIL

	Manufacturer	Model	Serial Number	Set Pressure	Size
Separator	Taylor	T-8300-3		1440 psi	2"
Fuel Gas Scrubber	Taylor	82E4351311		125 PSI	1"

SHIPPING

Width	
Length	24' 8" (7518 mm)
Height	
Weight Estimate	5450kg (6350kg GVW)

CERTIFICATION

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

