

## VERTICAL SEPARATOR

**UNIT: R109**

### PERFORMANCE

Maximum Operating Pressure	740 psi (5102 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-20°F/100°F (-29°C/38°C)
Liquid Storage Capacity	To Follow
Maximum Vessel Gas Flow Rate @ psi (kPa) Pressure	To Follow
Maximum Vessel Condensate Rate based on 3 minute residence	To Follow
Maximum Vessel Water Rate based on 3 minute residence time	To Follow
Maximum Piping Gas Flow rate @ psi (kPa)	To Follow
Maximum Piping Condensate Flow Rate @ psi (kPa)	To Follow
Maximum Piping Water Flow Rate @ psi (kPa)	To Follow
Pressure Relief Valves Max Flow Rate	To Follow
System Maximum Gas Rate (limited by PSV)	To Follow

### VESSEL DIMENSIONS

Vessel Diameter	16" (406.4 mm)
Vessel Length S/S	55" (1397 mm)
Inlet Nozzle Size	4" (114.3 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" CL300 Daniel Senior
Condensate Meter	1" CL300 w/ Turbine
Water Meter	1" CL300 w/ Turbine
Fuel Gas Meter	N/A
Differential Recorder	Multi Variable Transmitter

### VALVE DETAIL

	Make	Model	Serial Number	Size	Trim
Condensate					
Water					
Fuel Gas Meter					

### PSV DETAIL

	Manufacturer	Model	Serial Number	Set Pressure	Size
Separator					
Fuel Gas Scrubber					

**SHIPPING DIMENSIONS**

Width	10' (3.05m)
Length	18' (5.49m)
Height	N/A
Weight Estimate	10,000 lbs (4536 kg)

**CERTIFICATION**

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

