

HORIZONTAL GAS COALESCER

UNIT: CFS02

PERFORMANCE

Maximum Operating Pressure	1800 PSI
Minimum/Maximum Rated Operating Temperature of Vessel	-50°F / 275°F (-46°C / 135°C)
Inlet Pressure	Contact Roska Engineering for Details
Inlet Flow Rate	Contact Roska Engineering for Details
Liquid Filtration Efficiency	Contact Roska Engineering for Details
Solid Filtration Efficiency	Contact Roska Engineering for Details

VESSEL DIMENSIONS

Vessel Diameter	36" (914 mm)
Vessel Length S/S	120" (3048 mm)
Inlet Nozzle Size	12" (305 mm)
Gas Outlet Nozzle Size	12" (305 mm)
PSV Outlet Size	1.5" (38 mm)
PSV Bypass Size	2" (51 mm)

FLOW INSTRUMENTATION

Fuel Gas Flowmeter	Yokogawa DY025
Differential Flowmeter	Brooks MT3810



VALVE DETAIL

	Make	Model	Serial Number	Size	Trim
Dump Valve	Fisher	D4	19887495	1"	
Dump Valve	Fisher	D4	19094992	1"	

PSV DETAIL

	Manufacturer	Model	Serial Number	Set Pressure	Size	Orifice
Vessel	Farris	26DA14-120	593484-1-A10	1800 psi	1 x 2 in	E
Fuel Gas	Farris	26EA10-120	598286-4-A10	1586 kPa	1.5 x 2 in	D

FEATURES

Exhaust Fan
Fire Detection**
LEL Beacon**
Fuel Gas Heater**

**On drawing, not currently installed

SHIPPING DIMENSIONS

Width	12 ft (3.7 m)
Length	23.5 ft (7.2 m)
Height	14.5 ft (4.4 m)
Weight Estimate	TBD

CERTIFICATION

Vessel	ASME Sec. VIII Div. 1
Piping	TBD
Electrical	Class I, Zone 2
Province(s) of Registration	AB
Service	Sweet or Sour

