

FILTER POT SKID

UNIT: FPS005

PERFORMANCE

Maximum Operating Pressure	250 psi (1722 kPa)
Maximum Liquid Flow Rate	See attached flow rates of filter bags
Minimum/Maximum Rated Operating Temperature of Vessel	-20 °F/200 °F (-29 °C/93 °C)
Filter Screen Differential Pressure Max	35 psi (241 kPa)
Filter Screen Sizes	1, 5, 10, 25, 50, 100 and 200 Micron (µm)
Number of Vessels	2

VESSEL DIMENSIONS (X2)

Vessel Diameter	20" (500 mm)
Vessel Length S/S	30" (762 mm)
Inlet Nozzle Size	3" (88.9 mm)
Outlet Nozzle Size	3" (88.9 mm)
Drain Nozzle Size	2" (60.3 mm)
De-pressure/Re-fill Nozzle Size	¾" (26.7 mm)
Filter Bags per Vessel	3
Bag Type	P2



SUCTION PIPING

Maximum Allowable Working Pressure	275 psi (1,900 kPa)
Size	3" (88.9 mm)
Connection	CL150 RF

DISCHARGE PIPING

Maximum Allowable Working Pressure	275 psi (1,900 kPa)
Size	3" (88.9 mm)
Connection	CL150 RF

DRAIN PIPING

Maximum Allowable Working Pressure	275 psi (1,900 kPa)
Size	2" (60.3 mm)
Connection	CL150 RF

SUMP CLEAN OUT PIPING (X2)

Maximum Allowable Working Pressure	275 psi (1,900 kPa)
Size	2" (60.3 mm)
Connection	CL150 RF



FLUSH LINE PIPING

Maximum Allowable Working Pressure	275 psi (1,900 kPa)
Size	3" (88.9 mm)
Connection	CL150 RF

SHUTDOWNS

High Level in Sump	Insulated Building with 2 Doors and 2 Windows
High LEL Alarm	Building Equipped with Heater and Lights
High H2S Alarm	Inlet Pressure Relief Valve
ESD Push Button	Indicator Beacons (Status, LEL, H2S)
	Exhaust Fan in Building
	Internal Containment in Skid
	Filter Pot Bypass

FEATURES

SHIPPING DIMENSIONS

Width	9' 6" (2.90 m)
Length	16' 10" (5.13 m)
Height	10' (3.05 m)
Weight	8,000 lbs (3,629 kg)
Loading Method	Live Roll

CERTIFICATION

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

POWER REQUIREMENTS

Building Total	7.6 kW / 1.0 kW
Voltage Input	480 V / 120 V
Phase	1 Ø / 1 Ø

Approximate Power Requirements



