

EQUIPMENT SPECIFICATION SHEET

FILTER POT SKID

UNIT: FPS001

PERFORMANCE

Maximum Operating Pressure	250 psi (1,722 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 kPag)
Filter Screen Sizes	1, 5, 10, 25, 50, 100 and 200 Micron (μm)
Number of Vessels	4

VESSEL DIMENSIONS (X4)

Vessel Diameter	20" (508 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)
Filter Bags per Vessel	3
Вад Туре	P2

SUCTION PIPING

Maximum Allowable Working Pressure	250 psi (1,722 kPa)
Size	6" (168.3 mm)
Connection	CL150 RF

DISCHARGE PIPING

Maximum Allowable Working Pressure	250 psi (1,722 kPa)
Size	6" (168.3 mm)
Connection	CL150 RF

DRAIN PIPING

Maximum Allowable Working Pressure	250 psi (1,722 kPa)
Size	2" (60.3 mm)
Connection	CL150 RF

SKID CONNECTIONS

Inlet	6" (168.3 mm)
Outlet	6" (168.3 mm)
Drain	2" (60.3 mm)







SHIPPING

Width	9' (2.74 m)
Length	25' (7.62 m)
Height	10' (3.05 m)
Weight Estimate	2,400 lbs (1,089 kg)

CERTIFICATION

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

POWER REQUIRMENTS

Phase	10
Voltage Input	120 V
Building Total	0.2 kW

Approximate Power Requirements

Design | Build | Operate



SHUTDOWNS	FEATURES
Insulated Building with 2 Doors and 2 Windows	Building Equipped with Heater and Lights
High LEL Alarm	Inlet Pressure Relief Valve
High H2S Alarm	Filter Pot Bypass
Indicator Beacons (Status, LEL, H2S)	

Flow Rates of Filter Bags

In most filtration applications, fluid viscosities do not exceed 50cps. Using the following Flow Rates Per #2 Size Bag as a guide, the suggested flow rates should result in a CLEAN Pressure Drop under 2 PSID.

Material Used	Micron Rating	Flow Rate (GPM)							
Felt	1 & 3	80 GPM/#2 BAG							
Felt	5 THRU 200	120 GPM/#2 BAG							
Mesh	1,5&10	100 GPM/#2 BAG							
Mesh	25 THRU 100	125 GPM/#2 BAG							
Mesh	150 THRU 800	150 GPM/#2 BAG							
Microfiber	1A and 2A	60 GPM/#2 BAG							
Microfiber	10A, 25A, 90A & 0A	80 GPM/#2 BAG							

Micron Rating & Availability

Micron Av	vailability		Micron Rating																							
Fiber	Material	1	e	5	10		25	35	50	65	75	90	100	120	125	150	175	200	250	300	400	600	700	800	1200	1500
Polyester Felt	Felt																									
Nylon	Felt																									
Polypropylene	Felt																									
Teflon®	Felt																									
High Temperature	Felt																									
Polypropylene	Microfiber																									
Nylon	Monofilament Mesh																									
Polypropylene	Monofilament Mesh																									
Polyester	Multifilament Mesh																									