

FILTER POT SKID
UNIT: FPS011
PERFORMANCE

Maximum Operating Pressure	150 psi (1034 kPa)
Maximum Liquid Flow Rate	See attached flow rates of filter bags
Minimum/Maximum Rated Operating Temperature of Vessel	-20 °F/225 °F (-29 °C/107 °C)
Filter Screen Differential Pressure Max	TBC
Filter Screen Sizes	1, 5, 10, 25, 50, 100 and 200 Micron (µm)
Number of Vessels	2

VESSEL DIMENSIONS (X2)

Vessel Diameter	24"
Vessel Length S/S	48"
Inlet Nozzle Size	4"
Outlet Nozzle Size	4"
Drain Nozzle Size	2"
De-pressure/Re-fill Nozzle Size	
Filter Bags per Vessel	6
Bag Type	P2

SUCTION PIPING

Maximum Allowable Working Pressure	275 psi (1,900 kPa)
Size	4"
Connection	CL150 RF

DISCHARGE PIPING

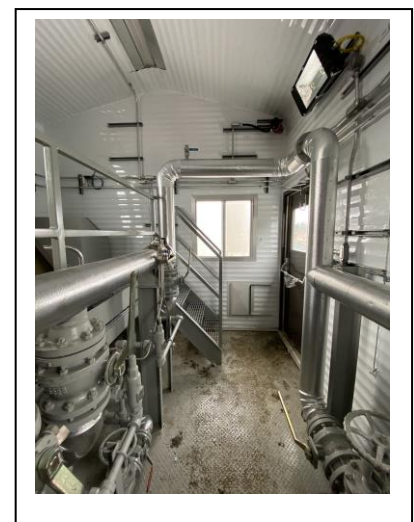
Maximum Allowable Working Pressure	275 psi (1,900 kPa)
Size	4"
Connection	CL150 RF

DRAIN PIPING

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

SHUTDOWNS

High Level in Sump	Insulated Building with 2 Doors and 2 Windows
Exhaust Fan in Building	Building Equipped with Heater and Lights
Internal Containment in Skid	
Filter Pot Bypass	

FEATURES
SHIPPING DIMENSIONS

Width	13' 9"
Length	22' 10"
Height	14' 2"
Weight	23,000 lbs (10,454 kg)
Loading Method	

CERTIFICATION

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

POWER REQUIREMENTS

Building Total	
Voltage Input	
Phase	

****Approximate Power Requirements****



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 Availability		Micron Rating																								
Fiber	Material	1	3	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																									