



## **FILTER POT SKID**

# UNIT: FPS006

## PERFORMANCE

Maximum Operating Pressure	150 psi (1034 kPa)
Maximum Liquid Flow Rate	450 USGPM (2,453 m³/d)
Minimum/Maximum Rated Operating Temperature of Vessel	-20°F/500°F (-29°C/260°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	1
**See Attached Filter Information**	·

#### **VESSEL DIMENSIONS**

Vessel Diameter	17 ½" (444.5 mm)
Vessel Length S/S	22" (558.8 mm)
Drain Nozzle Size	³⁄₄" (26.7 mm)
Filter Bags per Vessel	3
Bag Type	P2

#### **SUCTION PIPING**

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

## **DISCHARGE PIPING**

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

## SHIPPING DIMENSIONS

Width	4' – 0" (1.22 m)
Length	4' – 0" (1.22 m)
Height	5' – 6" (1.37 m)
Weight	TBD

#### CERTIFICATION

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





## 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																									$\square$
Teflon®	Felt																									
High Temperature	Felt																									
Polypropylene	Microfiber																									
Nylon	Monofilament Mesh																									
Polypropylene	Monofilament Mesh																									
Polyester	Multifilament Mesh																									