



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																									