

Best Management Products, Inc.

SNOUT Oil-Water-Debris Separator

Flow Rate Worksheet

% OF SNOUT INLET AREA vs. PIPE INSIDE DIAMETER																
MODEL	LP318	12F	12R	18F	18R	24F	24R	30F	30R	36FTB	42RTB/60	48FTB	52RTB/72	72FTB	72RTB/96	96FTB
(SQFT.)	0.375	0.393	0.455	1.091	1.264	1.843	2.118	2.793	3.210	3.534	4.900	6.278	7.40	14.13702	14.30	25.132
PIPE I.D.																
4	429.72%	450.3%	521.4%	N/O	N/O	N/O	N/O	N/O	N/O	N/O	N/O	N/O	N/O	N/O		N/O
6	190.99%	200.2%	231.7%	555.6%	643.8%	N/O	N/O	N/O	N/O	N/O	N/O	N/O	N/O	N/O		N/O
8	107.43%	112.6%	130.3%	312.6%	362.1%	528.1%	606.8%	N/O	N/O	N/O	N/O	N/O	N/O	N/O		N/O
10	68.76%	72.1%	83.4%	200.0%	231.8%	338.0%	388.3%	N/O	N/O	N/O	N/O	N/O	N/O	N/O		N/O
12	N/A	N/A	N/A	138.9%	160.9%	234.7%	269.7%	355.6%	409%	450%	624%	N/O	N/O	N/O		N/O
15	N/A	N/A	N/A	88.9%	103.0%	150.2%	172.6%	227.6%	262%	288%	399%	N/O	N/O	N/O		N/O
18	N/A	N/A	N/A	61.7%	71.5%	104.3%	119.9%	158.1%	182%	200%	277%	355%	N/O	N/O		N/O
21	N/A	N/A	N/A	N/A	N/A	76.6%	88.1%	116.1%	133%	147%	204%	261%	308%	N/O		N/O
24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	88.9%	102%	112%	156%	200%	236%	N/O		N/O
27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	70.2%	81%	89%	123%	158%	186%	N/O		N/O
30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	56.9%	65%	72%	100%	128%	151%	288%	291%	N/O
36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	50%	69%	89%	105%	200%	202%	355.5%
42	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	65%	77%	147%	149%	261.2%
48	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	50%	59%	113%	114%	200.0%
54	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	47%	89%	90%	158.0%
60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	72%	73%	128.0%
66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	60%	60%	105.8%
72	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	50%	51%	88.9%
78	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		75.7%
84	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		65.3%
90	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		56.9%

Use "F" for flat back SNOUT in rectangular structure

Use "R" for round back SNOUT in cylindrical structure

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VALUE% => Marginal Sizing
 N/A => Not Applicable
 N/O => Not Optimal