



Facet's SM100 Series synthetic separator cartridges feature a specially developed treated hydrophobic media provides improved separation of fine water drops compared to standard Teflon™ screen. An ultrasonically seamed double tube of the synthetic screen is placed around an epoxy coated metal shell, then adhesive bonded to metal end caps with gaskets.

Facet SM100 Series separators have the distinctive Facet Velocigard which provides balanced flow of product throughout the cartridge. All metal components are treated to resist corrosion. Maximum recommended operating temperature is 240°F. For compatibility in extreme operating conditions, other gasket, adhesive and metal materials are available.

### STANDARD DESIGN FEATURES

- Cleanable and reusable
- Superior water barrier
- Recommended maximum operating temperature: 240°F (115°C)
- pH range from 5 to 9
- Designed for balanced flow through cartridge
- Flow direction: Outside to in

### MATERIALS

- Synthetic mesh coated screen
- Treated metal components for corrosion protection
- Buna-N gaskets-other gasket, adhesive and metal materials are available upon request

MODEL NUMBER	OUTSIDE DIAMETER		NOMINAL LENGTH		INSIDE DIAMETER SEALING END		INSIDE DIAMETER MOUNTING END	
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)
SM100-318FA-5	3	76	18	460	BLIND	13	2	51
SM100-324FA-5	3	76	24	610	BLIND	13	2	51
SM100-412FC-5	4 1/4	105	11 1/2	290	1 7/8	48	1 7/8	48
SM100-415FB-5	4 1/2	114	15	380	BLIND	13	3 1/2	89
SM100-417FB-5	4 1/2	114	17	430	BLIND	13	3 1/2	89
SM100-422FC-5	4 1/8	105	22 1/2	570	1 7/8	48	1 7/8	48
SM100-424FB-5	4 1/2	114	24	610	BLIND	13	3 1/2	89
SM100-430FB-5	4 1/2	114	30	760	BLIND	13	3 1/2	89
SM100-432FC-5	4 1/8	105	31 1/2	800	1 7/8	48	1 7/8	48
SM100-436FB-5	4 1/2	114	36	910	BLIND	13	3 1/2	89
SM100-09FB-5	6	152	9	230	BLIND	13	3 1/2	89
SM100-09FF-5	6	152	9	230	BLIND	13	4 1/2	114
SM100-11FD-5	6	152	11 1/4	290	3 1/2	89	3 1/2	89
SM100-12FB-5	6	152	12 1/8	310	BLIND	13	3 1/2	89
SM100-14FD-5	6	152	14 1/2	370	3 1/2	89	3 1/2	89
SM100-16FD-5	6	152	16 1/4	410	3 1/2	89	3 1/2	89
SM100-18FB-5	6	152	18	460	BLIND	13	3 1/2	89
SM100-22FD-5	6	152	22 1/4	560	3 1/2	89	3 1/2	89
SM100-24FB-5	6	152	24	610	BLIND	13	3 1/2	89
SM100-24FE-5	6	152	24	610	BLIND	13	4 1/8	105
SM100-24FF-5	6	152	24	610	BLIND	13	4 1/2	114
SM100-29FD-5	6	152	28 3/4	730	3 1/2	89	3 1/2	89
SM100-30FB-5	6	152	30	760	BLIND	13	3 1/2	89
SM100-30FD-5	6	152	30	760	3 1/2	89	3 1/2	89
SM100-30FE-5	6	152	30	760	BLIND	13	4 1/8	105
SM100-30FF-5	6	152	30	760	BLIND	13	4 1/2	114
SM100-33FB-5	6	152	33 1/4	840	BLIND	13	3 1/2	89
SM100-33FD-5	6	152	33 1/4	840	3 1/2	89	3 1/2	89
SM100-36FB-5	6	152	36	910	BLIND	13	3 1/2	89
SM100-36FD-5	6	152	36	910	3 1/2	89	3 1/2	89
SM100-36FE-5	6	152	36	910	BLIND	13	4 1/8	105
SM100-36FF-5	6	152	36	910	BLIND	13	4 1/2	144
SM100-38FD-5	6	152	38	965	3 1/2	89	3 1/2	89
SM100-40FD-5	6	152	40	1020	3 1/2	89	3 1/2	89
SM100-40FE-5	6	152	40	1020	BLIND	13	4 1/8	105
SM100-40FF-5	6	152	40	1020	BLIND	13	4 1/2	114
SM100-43FB-5	6	152	43	1090	BLIND	13	3 1/2	89
SM100-43FD-5	6	152	43	1090	3 1/2	89	3 1/2	89
SM100-44FB-5	6	152	44	1120	BLIND	13	3 1/2	89
SM100-44FD-5	6	152	44	1120	3 1/2	89	3 1/2	89
SM100-44FE-5	6	152	44	1120	BLIND	13	4 1/8	105
SM100-44FF-5	6	152	44	1120	BLIND	13	4 1/2	114
SM100-48FD-5	6	152	48	1220	3 1/2	89	3 1/2	89
SM100-48FF-5	6	152	48	1220	BLIND	13	4 1/2	114
SM100-56FB-5	6	152	56	1420	BLIND	13	3 1/2	89
SM100-56FF-5	6	152	56	1420	BLIND	13	4 1/2	114