



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

Facet's SM100 Series synthetic separator cartridges feature a specially developed treated hydrophobic media. This 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 (115 °C). For compatibility in extreme operating conditions, other gasket, adhesive and metal materials are available.

SM100 Series
 Separator Cartridges
 Qualified to EI 1581, 6th Edition, Category M100

DATA

MODEL NUMBER	NOMINAL LENGTH		OUTSIDE DIAMETER		INSIDE DIAMETER SEALING END		INSIDE DIAMETER MOUNTING END	
	in	mm	in	mm	in	mm	in	mm
SM100-318FA-5	18	460	3	76	BLIND	13	2	51
SM100-324FA-5	24	610	3	76	BLIND	13	2	51
SM100-412FC-5	11 ½	290	4 ¼	105	1 ⅞	48	1 ⅞	48
SM100-415FB-5	15	380	4 ½	114	BLIND	13	3 ½	89
SM100-417FB-5	17	430	4 ½	114	BLIND	13	3 ½	89
SM100-422FC-5	22 ½	570	4 ⅞	105	1 ⅞	48	1 ⅞	48
SM100-424FB-5	24	610	4 ½	114	BLIND	13	3 ½	89
SM100-430FB-5	30	760	4 ½	114	BLIND	13	3 ½	89
SM100-432FC-5	31 ½	800	4 ⅞	105	1 ⅞	48	1 ⅞	48
SM100-436FB-5	36	910	4 ½	114	BLIND	13	3 ½	89
SM100-09FB-5	9	230	6	152	BLIND	13	3 ½	89
SM100-09FF-5	9	230	6	152	BLIND	13	4 ½	114
SM100-11FD-5	11 ¼	290	6	152	3 ½	89	3 ½	89
SM100-12FB-5	12 ⅞	310	6	152	BLIND	13	3 ½	89
SM100-14FD-5	14 ½	370	6	152	3 ½	89	3 ½	89
SM100-16FD-5	16 ¼	410	6	152	3 ½	89	3 ½	89
SM100-18FB-5	18	460	6	152	BLIND	13	3 ½	89
SM100-22FD-5	22 ¼	560	6	152	3 ½	89	3 ½	89
SM100-24FB-5	24	610	6	152	BLIND	13	3 ½	89
SM100-24FE-5	24	610	6	152	BLIND	13	4 ⅞	105
SM100-24FF-5	24	610	6	152	BLIND	13	4 ½	114
SM100-29FD-5	28 ¾	730	6	152	3 ½	89	3 ½	89
SM100-30FB-5	30	760	6	152	BLIND	13	3 ½	89
SM100-30FD-5	30	760	6	152	3 ½	89	3 ½	89
SM100-30FE-5	30	760	6	152	BLIND	13	4 1/8	105
SM100-30FF-5	30	760	6	152	BLIND	13	4 ½	114
SM100-33FB-5	33 ¼	840	6	152	BLIND	13	3 ½	89
SM100-33FD-5	33 ¼	840	6	152	3 ½	89	3 ½	89
SM100-36FB-5	36	910	6	152	BLIND	13	3 ½	89
SM100-36FD-5	36	910	6	152	3 ½	89	3 ½	89
SM100-36FE-5	36	910	6	152	BLIND	13	4 ⅞	105
SM100-36FF-5	36	910	6	152	BLIND	13	4 ½	114
SM100-38FD-5	38	965	6	152	3 ½	89	3 ½	89
SM100-40FD-5	40	1020	6	152	3 ½	89	3 ½	89
SM100-40FE-5	40	1020	6	152	BLIND	13	4 ⅞	105
SM100-40FF-5	40	1020	6	152	BLIND	13	4 ½	114
SM100-43FB-5	43	1090	6	152	BLIND	13	3 ½	89
SM100-43FD-5	43	1090	6	152	3 ½	89	3 ½	89
SM100-44FB-5	44	1120	6	152	BLIND	13	3 ½	89
SM100-44FD-5	44	1120	6	152	3 ½	89	3 ½	89
SM100-44FE-5	44	1120	6	152	BLIND	13	4 ⅞	105
SM100-44FF-5	44	1120	6	152	BLIND	13	4 ½	114
SM100-48FD-5	48	1220	6	152	3 ½	89	3 ½	89
SM100-48FF-5	48	1220	6	152	BLIND	13	4 ½	114
SM100-56FB-5	56	1420	6	152	BLIND	13	3 ½	89
SM100-56FF-5	56	1420	6	152	BLIND	13	4 ½	114