

Vertical Pressure Leaf Filter

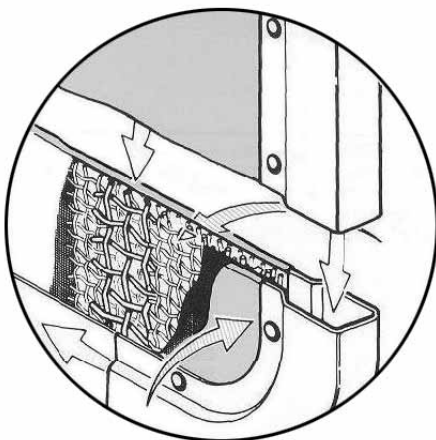
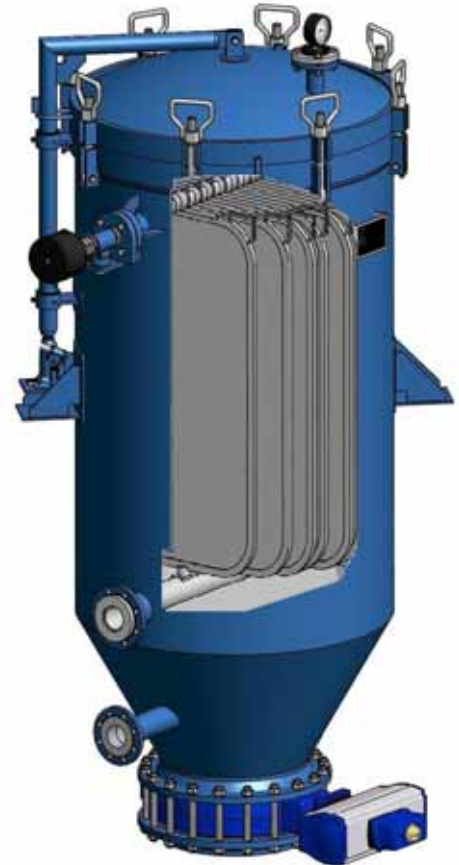
MVDCD Series

FEATURES

- Hermetically closed system eliminates contamination and operator contact.
- Vertical design minimizes footprint while accommodating high flow rates.
- Filtration area up to 1,076 square feet in a single housing.
- Suitable for complete automation.
- Wide range of pressure leaf media to meet specific application requirements.

HOUSING SPECIFICATIONS

- Material tank : carbon steel
(stainless steel optional)
- Material filter elements : stainless steel
- Design pressure : -1 / 6 bar(g) (-14.5 / 87 psig)
- Design temperature : 0 / 150 °C (32 / 302 °F)
- Max. allowable pressure drop : 4.5 bar (65 psi)
- Design Approval : ASME VIII div 1 U-stamp



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total filtration

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MVDCD Model	508	610	711	780	900	1100	1225	1380	1500 (1500)	1500 (1650)	1650	1850
Tank Diameter (inches)	20	24	28	30	35	43	48	54	59	59	65	73
Element Height (inches)	22	22	36	36	36	49	49	53	59	65	71	71
Feed / Drain (inches)	2	2	2	2	2	3	3	4	4	4	5	5
Filtrate Outlet (inches)	3	3	3	3	3	4	4	5	5	5	5	5
Vent (inches)	1	1	1	1	1	1	1	2	2	2	2	2
Cake Discharge (inches)	8	8	10	12	14	20	20	24	24	24	24	24

MVDCD Model	Filter Area (m ²)	Cake Volume (dm ³)	Filter Leaves (-)	Filter Volume (dm ³)	Leaf Spacing (inches)	Floor Space (inches x inches)	Height [incl. lifting height for elements] (inches)	Weight [empty] (lbs)
508 / 550 / 1.6 / 5	1.6	35	5	210	2.75	48 x 44	88	772
610 / 550 / 2.2 / 5	2.2	50	5	320	2.75	52 x 51	92	882
711 / 920 / 3 / 3	3	70	3	600	2.75	53 x 61	124	1213
711 / 920 / 4.8 / 5	4.8	105	5					
711 / 920 / 6.2 / 7	6.2	135	7					
780 / 920 / 5 / 5	5	110	5	800	2.75	69 x 43	127	1433
780 / 920 / 7 / 7	7	155	7					
780 / 920 / 8 / 9	8	175	9					
900 / 920 / 8 / 7	8	175	7	1000	2.75	47 x 49	130	1764
900 / 920 / 10 / 9	10	220	9					
900 / 920 / 12.5 / 11	12.5	275	11					
1100 / 1250 / 15 / 9	15	330	9	2000	2.75	93.5 x 66.5	162	2425
1100 / 1250 / 17.5 / 9	17.5	385	9					
1100 / 1250 / 20 / 11	20	440	11					
1225 / 1250 / 23.5 / 11	23.5	520	11	2500	2.75	87 x 105	166	3803
1225 / 1250 / 25 / 11	25	550	11					
1225 / 1250 / 27 / 13	27	590	13					
1225 / 1250 / 30 / 15	30	660	15					
1380 / 1350 / 30.5 / 11	30.5	670	11	3600	3	114 x 83	182	4365
1380 / 1350 / 35 / 13	35	770	13					
1380 / 1350 / 38.5 / 15	38.5	850	15					
1500 / 1500 / 42 / 13	42	920	13	4500	3	122.5 x 92.5	197	5071
1500 / 1500 / 46 / 15	46	1010	15					
1500 / 1500 / 50 / 17	50	1100	17					
1500 / 1650 / 55 / 15	55	1210	15	4900	3	122.5 x 92.5	209	5511
1500 / 1650 / 60 / 17	60	1320	17					
1650 / 1800 / 70 / 16	70	1540	16	6300	3	148.5 x 104	227	7055
1650 / 1800 / 78 / 18	78	1720	18					
1850 / 1800 / 85 / 18	85	1870	18	8200	3	135.5 x 153	235	9700
1850 / 1800 / 100 / 20	100	2200	20					

Other Models upon request.

Notes : Dimensions are for reference only.
amafiltergroup reserves the right to make technical changes without giving prior notice.

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