

# VFD Series

Vertical Filter Housings  
For Use with DFO-6 & AD-6 Cartridges

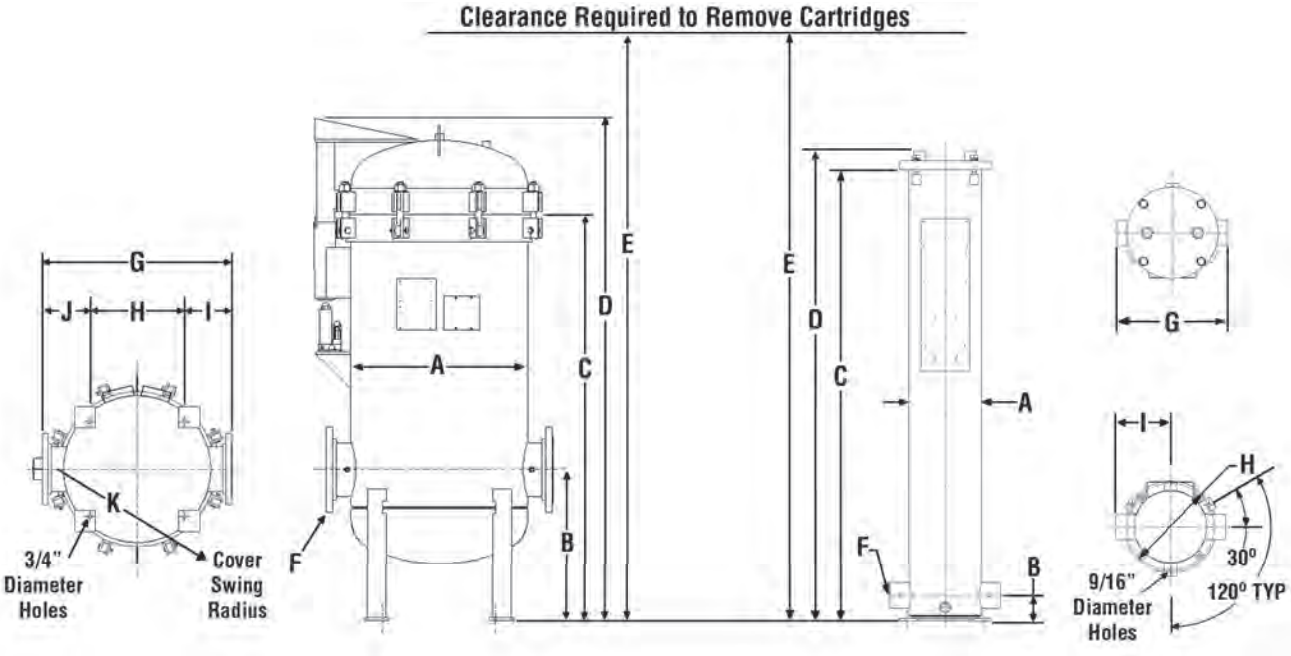


Figure 1

Figure 2

# Vertical Filter Housings Selection Table

Vessel Model	Flow Rate Range lpm (gpm)		Length mm (in.)	Qty.	Fig. No.	Dimensions mm (in.)											Wt. w/Skid kgs(lbs)	Vol. Ltr. (U.S. gal)
	Min	Max				A	B	C	D	E	F	G	H	I	J	K		
	VF829	110 (29)				496 (131)	737 (29)	1	2	219 (8 5/8)	76 (3)	991 (57 1/16)	1045 (41 1/8)	1727 (68)	51 (2)	330 (13)		
VF844	167 (44)	750 (198)	1118 (44)	1	2	219 (8 5/8)	76 (3)	1449 (57 1/16)	1510 (59 7/16)	2565 (101)	51 (2)	330 (13)	264 (10 3/8)	165 (6 1/2)			138 (305)	42 (11)
VF1629	439 (116)	1976 (522)	737 (29)	4	2	406 (16)	381 (15)	1341 (52 13/16)	1418 (55 13/16)	2083 (82)	102 (4)	616 (24 1/4)	229 (9)	194 (7 5/8)	194 (7 5/8)	468 (18 7/16)	254 (560)	132 (35)
VF1644	666 (176)	2998 (792)	1118 (44)	4	2	406 (16)	381 (15)	1695 (66 3/4)	1772 (69 3/4)	2794 (110)	102 (4)	616 (24 1/4)	229 (9)	194 (7 5/8)	194 (7 5/8)	468 (18 7/16)	281 (620)	189 (50)
VF2044	999 (264)	4497 (1188)	1118 (44)	6	2	508 (20)	495 (19 1/2)	1895 (74 5/8)	2043 (80 7/16)	2997 (118)	152 (6)	711 (28)	330 (13)	191 (7 1/2)	191 (7 1/2)	660 (26)	499 (1100)	341 (90)
VF2444	1332 (352)	5996 (1584)	1118 (44)	8	1	610 (24)	533 (21)	1651 (65)	1829 (72)	2845 (112)	152 (6)	813 (32)	381 (15)	203 (8)	203 (8)	813 (32)	590 (1300)	454 (120)
VF2456	1696 (448)	7631 (2016)	1422 (56)	8	1	610 (24)	533 (21)	1956 (77)	2134 (84)	3099 (122)	152 (6)	813 (32)	381 (15)	203 (8)	203 (8)	813 (32)	612 (1350)	568 (150)
VF2844	1999 (528)	9005 (2379)	1118 (44)	12	1	711 (28)	610 (24)	1635 (64 3/8)	2026 (79 3/4)	2743 (108)	203 (8)	914 (36)	457 (18)	229 (9)	229 (9)	889 (35)	726 (1600)	625 (165)
VF2856	2544 (672)	11447 (3024)	1422 (56)	12	1	711 (28)	610 (24)	1940 (76 3/8)	2330 (91 3/4)	3048 (120)	203 (8)	914 (36)	457 (18)	229 (9)	229 (9)	889 (35)	794 (1750)	757 (200)
VF2644	2998 (792)	13491 (3564)	1118 (44)	18	1	930 (36 5/8)	660 (26)	1635 (64 3/8)	2134 (84)	2769 (109)	254 (10)	1219 (48)	584 (23)	318 (12 1/2)	318 (12 1/2)	1118 (44)	1021 (2250)	1098 (290)
VF3656	3816 (1008)	17171 (4536)	1422 (56)	18	1	930 (36 5/8)	660 (26)	1940 (76 3/8)	2438 (96)	3073 (121)	254 (10)	1219 (48)	584 (23)	318 (12 1/2)	318 (12 1/2)	1118 (44)	1089 (2400)	1325 (350)
VF4244	4497 (1188)	20237 (5346)	1118 (44)	27	1	1086 (42 3/4)	711 (28)	1676 (66)	2219 (87 3/8)	2794 (110)	305 (12)	1372 (54)	711 (28)	330 (13)	330 (13)	1327 (52 1/4)	1724 (3800)	1514 (400)
VF4256	5724 (1512)	25756 (6804)	1422 (56)	27	1	1086 (42 3/4)	711 (28)	1981 (78)	2499 (98 3/8)	3099 (122)	305 (12)	1372 (54)	711 (28)	330 (13)	330 (13)	1327 (52 1/4)	1814 (4000)	1798 (475)
VF4856	6995 (1848)	31479 (8316)	1422 (56)	33	1	1219 (48)	737 (29)	2032 (80)	2743 (108)	4191 (165)	356 (14)	1676 (66)	927 (36 1/2)	375 (14 3/4)	375 (14 3/4)	1651 (65)	1996 (4400)	2385 (630)
VF5456	8903 (2352)	40065 (10584)	1422 (56)	42	1	1397 (55)	787 (31)	2083 (82)	2870 (113)	4216 (166)	406 (16)	1829 (72)	1041 (41)	394 (15 1/2)	394 (15 1/2)	1829 (72)	2268 (5000)	3975 (1050)
VF6056	10599 (2800)	47696 (12600)	1422 (56)	50	1	1549 (61)	914 (36)	2235 (88)	3023 (119)	4445 (175)	457 (18)	1981 (78)	1156 (45 1/2)	413 (16 1/4)	413 (16 1/4)	1905 (75)	3084 (6800)	4845 (1280)

1. For higher viscosity fluids or operating in highly variable temperature conditions, consult your Velcon Representative.  
2. VF Series are designed to accommodate our standard 6 in. O.D., 3 1/2 in. I.D. cartridges including Velcon's DFO, DI, DSO, and Aquacon AD.  
3. Threaded base filter cartridges are available, which allow for easier cartridge change out and removal of particulate matter from the deckplates. The threaded base cartridges mount on the optional 6000T adapters.  
4. VF16 and VF20 Series vessels have flat covers. VF16 Series vessels do not have hydraulic lift jacks.