

H Y D R U S[®]

SPECIFICATION SHEET
Hydrus Filter Systems



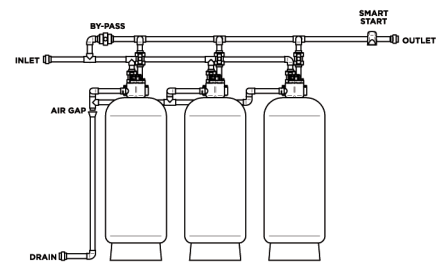
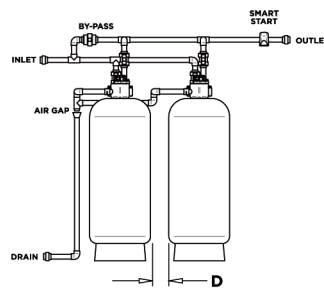
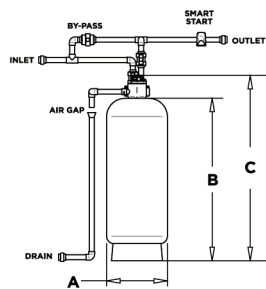
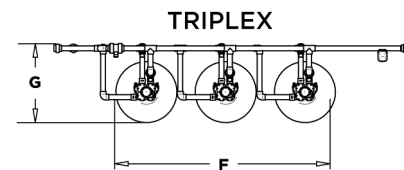
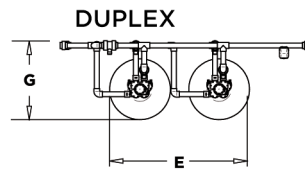
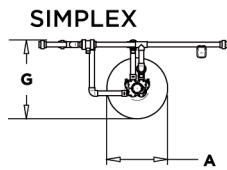


	Flow Rates @	Nominal Clean Bed Pressure Drop psid (bar)	Backwash Flow Rate Per Tank US gpm (Lps)	Media Volume Per Tank ft ³ (Liters)	Backwash Volume US gal (Liters)	Application	Backwash Time (min)	Tanks
MACROLITE		10 US gpm/ft² (6.8 Lps/m²)						
H118m	17 (1.07)	2.7 (0.19)	15 (0.95)	2.5 (71)	300 (1136)	5 micron	20	(1) 18 × 65
H121m	24 (1.51)	3.4 (0.23)	20 (1.26)	3.5 (99)	400 (1514)	5 micron	20	(1) 21 × 62
H124m	31 (1.96)	4.0 (0.28)	25 (1.58)	5 (142)	500 (1893)	5 micron	20	(1) 24 × 65
H130m	49 (3.09)	7.5 (0.52)	40 (2.52)	8 (227)	800 (3028)	5 micron	20	(1) 30 × 72
H136m	70 (4.42)	12.7 (0.87)	55 (3.47)	12 (340)	1,100 (4164)	5 micron	20	(1) 36 × 72
H142m	96 (6.06)	21.4 (1.48)	75 (4.73)	14 (396)	1,500 (5678)	5 micron	20	(1) 42 × 72
CARBON		8 US gpm/ft² (5.4 Lps/m²)						
H118c	15 (0.95)	1.1 (0.07)	20 (1.26)	3 (85)	400 (1514)	Dechlor/Organics	20	(1) 18 × 65
H121c	20 (1.26)	1.4 (0.10)	25 (1.58)	4 (113)	500 (1893)	Dechlor/Organics	20	(1) 21 × 62
H124c	26 (1.64)	1.9 (0.13)	35 (2.21)	6 (170)	700 (2650)	Dechlor/Organics	20	(1) 24 × 65
H130c	40 (2.52)	4.2 (0.29)	55 (3.47)	10 (283)	1,100 (4164)	Dechlor/Organics	20	(1) 30 × 72
H136c	57 (3.60)	7.5 (0.52)	75 (4.73)	14 (396)	1,500 (5678)	Dechlor/Organics	20	(1) 36 × 72
CALCITE		6 US gpm/ft² (4.1 Lps/m²)						
H118pH	11 (0.69)	0.8 (0.05)	15 (0.95)	3 (85)	300 (1136)	raise pH	20	(1) 18 × 65
H121pH	15 (0.95)	1.0 (0.07)	20 (1.26)	4 (113)	400 (1514)	raise pH	20	(1) 21 × 62
H124pH	19 (1.20)	1.2 (0.08)	25 (1.58)	6 (170)	500 (1893)	raise pH	20	(1) 24 × 65
H130pH	30 (1.89)	2.5 (0.17)	40 (2.52)	10 (283)	800 (3028)	raise pH	20	(1) 30 × 72
H136pH	43 (2.71)	4.5 (0.31)	70 (4.42)	18 (510)	840 (3179)	raise pH	20	(1) 36 × 72



System Type	A	B	C	D	E	F	G
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)
HF X18	18 (457)	68 (1727)	83 (2108)	4 (102)	40 (1016)	62 (1575)	28 (711)
HF X21	21 (533)	65 (1651)	80 (2032)	4 (102)	46 (1168)	71 (1803)	31 (787)
HF X24	24 (610)	68 (1727)	83 (2108)	4 (102)	52 (1321)	80 (2032)	34 (864)
HF X30	30 (762)	86 (2184)	101 (2565)	4 (102)	64 (1626)	98 (2489)	40 (1016)
HF X36	36 (914)	83 (2108)	98 (2489)	4 (102)	76 (1930)	116 (2946)	46 (1168)
HF X42	42 (1067)	95 (2413)	110 (2794)	4 (102)	88 (2235)	134 (3404)	52 (1321)

Note A: The "X" in the system size description refers to the number of tanks: Simplex = 1, Duplex = 2, Triplex = 3



Hydrus Connection Detail

Inlet	*
Outlet	*
Drain	*

*Adapters available in:

- 2" MNPT
- 1.5" MNPT
- 2" MBSP
- 2" Flex connector is also available