

WATERCO

water, the liquid of life

www.waterco.us

HORIZONTAL INDUSTRIAL FIBERGLASS FILTERS

Proven strength and durability



PN 229091 X 6 STACKED

100% corrosion resistant

Fiberglass vessels are rapidly replacing traditional steel and carbon steel tanks in numerous applications due to superior mechanical and chemical resistance unlike steel filters. Fiberglass won't rust or corrode, and can also withstand damage from water treatment chemicals. Vessels are ideal for seawater applications, such as pre-filtration in desalination systems.



Micron Horizontal Commercial Filters

The Micron Horizontal Filter is a space saving high performer; its compact horizontal design allows installation with minimum waste of space. The shape of the Micron Horizontal Filter is both attractive and functional. The spherical ends are designed to give uniform flow from both inlet and outlet collection assemblies. Micron Horizontal Filters are available with a 20" filter bed for a M series and a 47" filter bed for MD series.

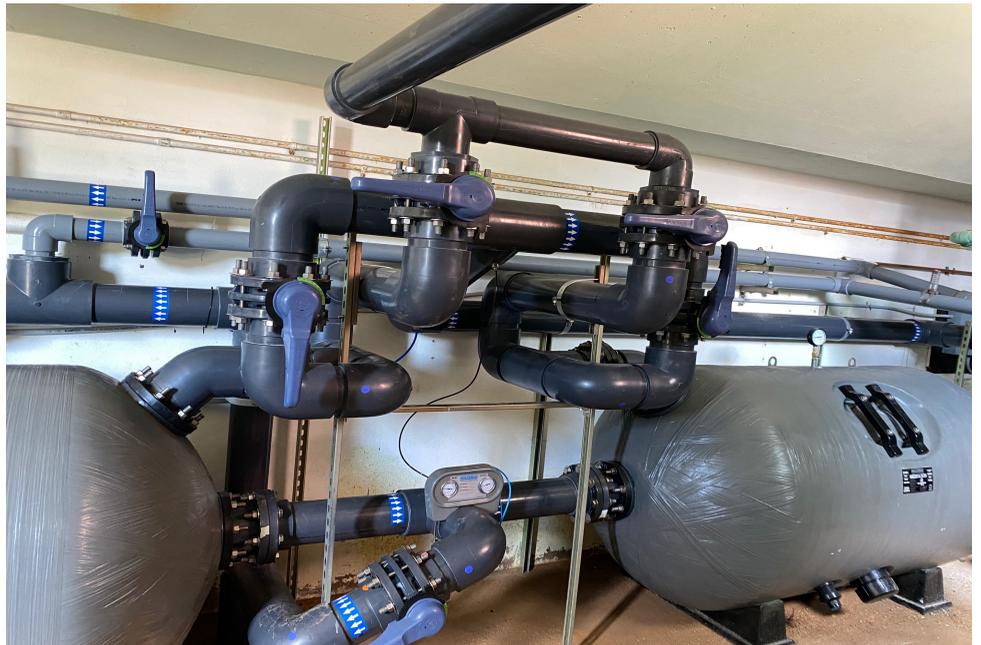


1. Elliptical positive sealing 12"x16" manways.
2. Flanged port of up to 10".
3. Hydraulically balanced distribution and lateral system.
4. Fiberglass wound tank, UV and corrosion resistant.
5. Large stable filter base for stable floor mounting
6. Manual media and Water drain.

Waterco's Precise Lateral Design

Waterco's new lateral configuration provides a more natural flow of water through the filter, ensuring optimum water filtration and balanced fluidization of the filter bed during backwashing. Its individual laterals are shortened while maintaining filter media bed coverage to reduce the friction head loss of each lateral and further improve the filter's hydraulic efficiency. This reduces backwash run times, saves valuable water, and produces flatter, more uniform filter media bed after backwashing.

Conventional lateral systems result in uneven fluidization of the filter media bed. The beginning of the lateral system experiences a strong flow of water, which gradually decreases along the length of the lateral piping. Backwash flow also decreases towards the end of each lateral, resulting in non-uniform lifting of the filter media bed.





Part # 2228075



Waterco Micron Horizontal Commercial Filters - 42" / 48"

PART NUMBER	PRODUCT DESCRIPTION	NOM SIZE	NSF
2228075L	42" X 75" HORIZ 4" FLG CONN. LEFT MW 19.6SF 58PSI	42" X 75"	✓
2228075R	42" X 75" HORIZ 4" FLG CONN. RIGHT MW 19.6SF 58PSI	42" X 75"	✓
2228091L	42" X 91" HORIZ 6" FLG CONN. LEFT MW 24SF 58PSI	42" X 91"	✓
2228091R	42" X 91" HORIZ 6" FLG CONN. RIGHT MW 24SF 58PSI	42" X 91"	✓
22280106L	42"X106" HORIZ 6" FLG CONN. LEFT MW 28.2SF 58PSI	42" X 106"	✓
22280106R	42"X106" HORIZ 6" FLG CONN. RIGHT MW 28.2SF 58PSI	42" X 106"	✓
22280120L	42"X120" HORIZ 6" FLG CONN. LEFT MW 32.2SF 58PSI	42" X 120"	✓
22280120R	42"X120" HORIZ 6" FLG CONN. RIGHT MW 32.2SF 58PSI	42" X 120"	✓
2229075L	48"X75" HORIZ 4" FLG CONN. LEFT MW 22.1SF 58PSI	48" X 75"	✓
2229075R	48"X75" HORIZ 4" FLG CONN. RIGHT MW 22.1SF 58PSI	48" X 75"	✓
2229091L	48"X91" HORIZ 6" FLG CONN. LEFT MW 27.6SF 58PSI	48" X 91"	✓
2229091R	48"X91" HORIZ 6" FLG CONN. RIGHT MW 27.6SF 58PSI	48" X 91"	✓
22290106L	48"X106" HORIZ 6" FLG CONN. LEFT MW 32.4SF 58PSI	48" X 106"	✓
22290106R	48"X106" HORIZ 6" FLG CONN. RIGHT MW 32.4SF 58PSI	48" X 106"	✓
22290120L	48"X120" HORIZ 6" FLG CONN. LEFT MW 37SF 58PSI	48" X 120"	✓
22290120R	48"X120" HORIZ 6" FLG CONN. RIGHT MW 37SF 58PSI	48" X 120"	✓

42" and 48" Stacking Kits and Higher pressure rated filters are available. Call for details.

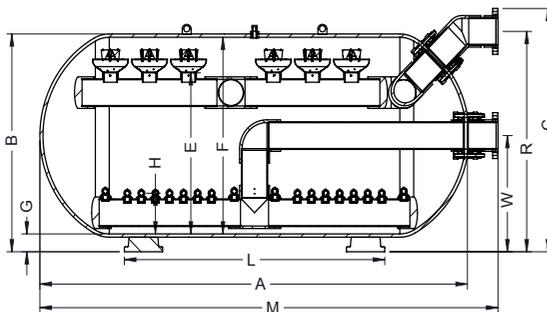
Waterco has vastly improved the hydraulic efficiency of its horizontal filter lateral system by looping its distributors and laterals. The new lateral configuration provides a more natural flow of water through the filter, ensures optimum water filtration and balanced fluidization of the filter bed during backwashing. Its individual laterals are shortened while maintaining filter media bed coverage, reducing the friction head loss of each lateral, further improving the filter's hydraulic efficiency.

Specifications

MODEL	PORT SIZE	BED DEPTH	INNER DIA.	FILTER AREA	FLOW RATES 5/SQ FT	FLOW RATES 10/SQ FT	FLOW RATES 15/SQ FT	FLOW RATES 20/SQ FT	MEDIA VOLUME	GRAVEL 1.2-2.4	SAND 0.6-1.2
	INCH	INCH	INCH	SQ.FT.	GPM	GPM	GPM	GPM	GAL	LB	LB
42 X 75	4.0	14.1	42	19.6	98	196	294	392	183	450	2,000
42 X 91	6.0	11.8	42	24	120	240	360	480	232	900	2,200
42 X 106	6.0	11.8	42	28.2	141	282	423	564	277	1,100	2,600
42 X 120	6.0	11.8	42	32.2	161	322	483	644	322	1,300	3,000
48 X 75	4.0	13.6	48	22.1	111	221	332	442	175	850	2,250
48 X 91	6.0	13.6	48	27.6	138	276	414	552	295	1,100	2,850
48 X 106	6.0	13.6	48	32.4	162	324	486	648	355	1,350	3,400
48 X 120	6.0	13.6	48	37	185	370	555	720	411	1,600	3,900



Dimensions



MODEL	A	B	C	E	F	G	H	L	M	R	W
	INCHES										
2228075	76.6	46.5	50.5	37.5	42.0	4.1	7.2	47.7	82.2	46.0	2.51
2228091	92.5	46.5	54.0	37.5	42.0	4.1	7.2	55.6	101.7	48.5	2.51
22280106	106.0	46.5	54.0	37.5	42.0	4.1	7.2	65.6	115.4	48.5	2.51
22280120	121.55	46.5	54.0	37.5	42.0	4.1	7.2	67.6	131.2	48.5	2.51
2229075	76.5	52.2	55.5	43.0	48.0	3.9	10.2	47.6	81.9	51.0	27.9
2229091	91.0	52.2	58.4	43.0	48.0	3.9	10.2	55.6	98.7	52.9	27.9
22290106	107.7	52.2	58.4	43.0	48.0	3.9	10.2	65.6	115.5	52.9	27.9
22290120	120.0	52.2	58.4	43.0	48.0	3.9	10.2	67.6	127.7	52.9	27.9



Waterco.us 1.800.247.7291

MultiCyclone >  Filters > Pumps > Lights > Media > White Goods > Valves

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