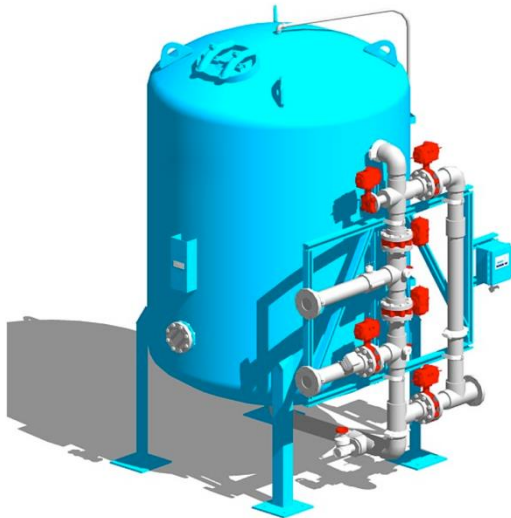


OSMO TITAN Series Pretreatment activated carbon and multi-media filter

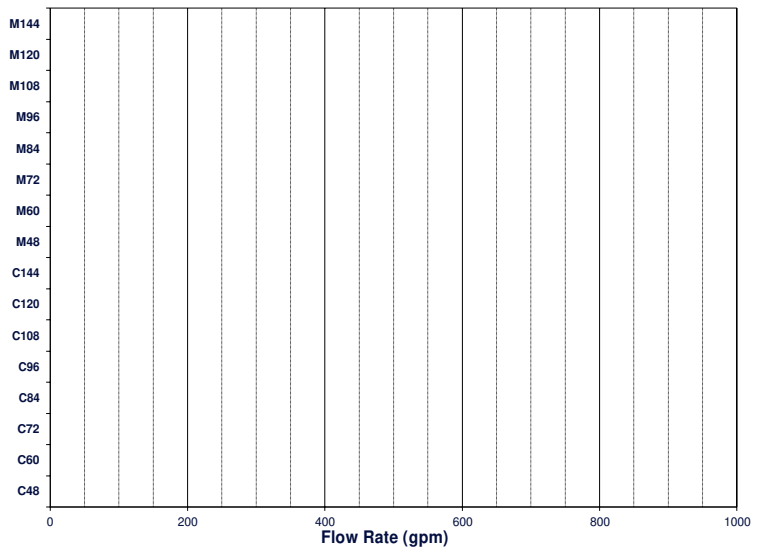
OSMO TITAN Series pretreatment is designed for durable operation, easy installation and straightforward control. OSMO TITAN is ideal for your industrial filtration needs with epoxy-lined carbon steel vessels, robust materials of construction, and various configuration options to suit your specific application needs. The units are also the perfect complement to the OSMO TITAN Series line of reverse osmosis systems.



general features

- Epoxy-lined carbon steel tanks, ASME code stamp at 100 psig
- Resilient seated butterfly service valves with stainless steel disc and stem; air actuated / spring-to-close
- Stainless steel face-piping
- 4-inch media clean out port on side of tank
- Sight glass on backwash line
- Nema 4 solenoid panel with terminal strips. Optional NEMA 4 remote I/O enclosure. Controller PLC sold separately.
- Instrumentation: Service/backwash DP flow transmitter, pre- / post- filter pressure gauges

Figure 1. OSMO TITAN Series Flow Range



Model	Connections (inches)	Tank (inches)	Overall Height (inches)	Flow** (gpm)		Media Volume (cubic feet)						
				Min	Max	BkWsh*	Anthracite	Silica Sand	Garnet	Fine Gravel	Med Gravel	Coarse Gravel
M48	3	48x72	122	40	110	185	18	12	6	2	2	Top of Under Drain
M60	3	60x72	125	60	175	290	28	19	9	3	3	
M72	4	72x72	130	85	250	415	41	27	14	5	5	
M84	4	84x72	134	115	340	570	56	38	19	7	7	
M96	6	96x72	144	150	445	740	74	49	25	8	8	
M108	6	108x72	149	190	565	940	94	62	31	10	10	
M120	6	120x72	154	230	700	1160	116	77	39	13	13	
M144	8	144x72	161	335	1000	1675	167	112	56	19	19	

* Backwash flow rates are for 15 gpm/ft² loading at 60°F. Flow rate will increase with increase in water temperature.

** Flow rates shown are for MMF systems with no coagulant addition/air scour. Flow rates with coagulant addition must be reduced to 3-5 gpm/ft².

Table 2. Activated Carbon Filter Specifications

Model	Connections (inches)	Tank (inches)	Overall Height (inches)	Flow** (gpm)		BkWsh*	Media Volume (cubic feet)	
				Min	Max		Activated Carbon	Coarse Gravel
C48	3	48x72	122	40	80	185	40	Top of Under Drain
C60	4	60x72	125	60	120	290	60	
C72	4	72x72	130	85	170	420	85	
C84	6	84x72	134	120	240	570	120	
C96	6	96x72	144	160	320	750	160	
C108	6	108x72	149	200	400	950	200	
C120	6	120x72	154	245	490	1160	245	
C144	8	144x72	161	350	700	1680	350	

* Backwash flow rates are for 13.5 gpm/ft² loading at 60°F for 40% bed expansion. Flow rate will increase with increase in water temperature.

** Based on Chlorine removal only. For TOC removal, the max flow should be reduced by half.

**Table 3. Part Numbers
(Media Sold Separately)**

Model	Solenoid / SS
C/M48	3023931
C/M60	3023932
C/M72	3023934
C/M84	3023935
C/M96	3023936
C/M108	3023938
C/M120	3023939
C/M144	3023940

(855) 787-4200



www.complete-water.com