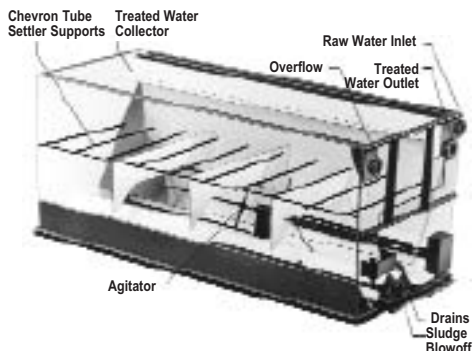


Package Precipitators

Flow Rates from 44 to 920 gpm



Package Precipitators offer an efficient means for removing impurities from a liquid by precipitation, adsorption, settling and upflow filtration. Used for the initial treatment of water to reduce suspended impurities, turbidity, color, hardness, iron and manganese, the Package Precipitator provides high rate clarification in minimum space. Adaptable to variable flow rates, it offers excellent chemical efficiency and produces low turbidity effluent. Optional Chevron shape, high rate tube settlers offer over 35% increased flow rate.

- Low turbidity precipitator effluent is virtually always superior to the effluent of conventional clarifiers/softeners
- The action of suspended sludge in the mixing zone and upflow through the sludge blanket utilizes chemicals more efficiently
- Large, slow moving agitator blades completely mix the water, chemicals and sludge
- The low turbidity effluent of a precipitator places little load on downstream filters, thus permitting longer filter runs and lower treatment costs

SYSTEM SPECIFICATIONS

Model Number	1	2	3	4	5	6
Maximum Flow Rate						
Without Tube Settlers	44 gpm	88 gpm	132 gpm	175 gpm	220 gpm	250 gpm
With Tube Settlers	60 gpm	120 gpm	180 gpm	240 gpm	300 gpm	350 gpm
Surface Area	35 sq. ft.	70 sq. ft.	105 sq. ft.	140 sq. ft.	175 sq. ft.	200 sq. ft.
Tube Settling Area	25 sq. ft.	50 sq. ft.	75 sq. ft.	100 sq. ft.	125 sq. ft.	150 sq. ft.
Agitator Motor	1/2 hp	1/2 hp	1/2 hp	1/2 hp	3/4 hp	3/4 hp
Inlet/Outlet Overflow Size	3"	4"	6"	6"	8"	8"
Sludge, Blow-off & Flush-back						
Valve Size	1"	1-1/2"	1-1/2"	2"	2"	2"
Detention (60 minutes)	2,600 gal.	5,200 gal.	7,800 gal.	10,400 gal.	13,000 gal.	15,000 gal.
System Dimensions						
W x L x H						
inches	96x60x126	96x120x126	96x180x126	96x240x126	96x300x126	108x300x126
cm	244x153x320	244x305x320	244x457x320	244x610x320	244x762x320	275x762x320
Shipping Weight						
lb	6,000	9,000	12,000	15,000	18,000	19,000
kg	2,722	4,082	5,454	6,804	8,165	8,618

Model Number	7	8	9	10	11	12
Maximum Flow Rate						
Without Tube Settlers	280 gpm	310 gpm	340 gpm	460 gpm	540 gpm	620 gpm
With Tube Settlers	400 gpm	450 gpm	500 gpm	680 gpm	800 gpm	920 gpm
Surface Area	225 sq. ft.	250 sq. ft.	275 sq. ft.	375 sq. ft.	440 sq. ft.	505 sq. ft.
Tube Settling Area	175 sq. ft.	200 sq. ft.	225 sq. ft.	300 sq. ft.	350 sq. ft.	400 sq. ft.
Agitator Motor	3/4 hp	3/4 hp	3/4 hp	1 hp	1 hp	1-1/2 hp
Inlet/Outlet Overflow Size	8"	8"	10"	10"	12"	12"
Sludge, Blow-off & Flush-back						
Valve Size	2"	2"	2"	2"	2"	3"
Detention (60 minutes)	16,800 gal.	18,600 gal.	20,500 gal.	27,700 gal.	32,500 gal.	37,350 gal.
System Dimensions						
W x L x H						
inches	120x300x126	132x300x126	144x300x126	144x408x126	144x480x126	144x552x126
cm	305x762x320	335x762x320	366x762x320	366x1036x320	366x1219x320	366x1402x320
Shipping Weight						
lb	20,000	21,000	22,000	30,000	35,000	38,000
kg	9,072	9,526	9,980	13,608	15,876	17,237

ORDERING INFORMATION

Contact USFilter in Warren, New Jersey at 800.631.0878 ext. 6150.