

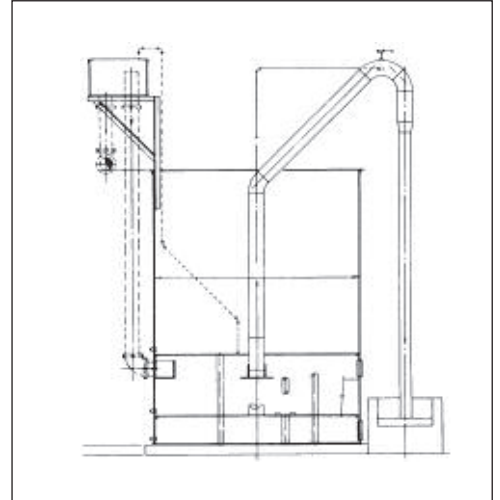
Permutit® Filters

AVGF® Gravity Filters

Flow Rates from 14 to 1,472 gpm

AVGF® Gravity Filters operate automatically without a single valve, backwash pump, flow control or other instrumentation. Nothing moves but the water. The design and performance of the AVGF® filter has been proven through years of continuous use at hundreds of water treatment facilities worldwide. Widely used in pretreatment plants for boiler feedwater, generating stations, pulp and paper mills and chemical plants, the AVGF® filter is also approved by a majority of states for treatment of potable water supplies.

- For process water, potable water, iron removal and cooling tower sidestreams
- Requiring little labor or maintenance, the AVGF® filter operates by itself – filtering, backwashing, rinsing and returning to service without the use of valves, timers or switches
- Unique design, including the discharge of filtered water above the filter bed, results in consistent high-quality effluent water
- The AVGF® filter rinse water is not discharged to drain, but stored and used for the next backwash cycle to save water



AVGF® Gravity Filters Specifications

SYSTEM SPECIFICATIONS

Model Number	AVGF-3	AVGF-4	AVGF-5	AVGF-6	AVGF-7	AVGF-8	AVGF-9	AVGF-10	AVGF-11
Flow Rate									
2 gpm/sq. feet	14 gpm	25 gpm	39 gpm	56 gpm	77 gpm	100 gpm	127 gpm	157 gpm	190 gpm
3 gpm/sq. feet	21 gpm	38 gpm	59 gpm	85 gpm	115 gpm	151 gpm	191 gpm	236 gpm	285 gpm
Wash Water Flow Rate	147 gpm	263 gpm	412 gpm	594 gpm	809 gpm	1,056 gpm	1,336 gpm	1,649 gpm	1,995 gpm
System Dimensions									
Filter Tank Diameter (feet)	3'	4'	5'	6'	7'	8'	9'	10'	11'
Remaining dimensions vary depending on type and tank diameter. Please request a product specification sheet for dimensions, overall height is 252".									
Pipe Size									
Inlet/Outlet	2"	2-1/2"	3"	4"	4"	6"	6"	6"	8"
Drain	6"	8"	8"	10"	10"	12"	12"	14"	14"
Shipping Weight									
Industrial lb.	2,600	3,500	4,400	5,400	6,300	7,300	8,500	9,700	11,200
kg	1,179	1,588	1,996	2,449	2,858	3,311	3,856	4,400	5,080
Municipal lb.	3,400	4,200	5,400	6,500	7,500	9,000	10,400	11,500	14,100
kg	1,542	1,905	2,450	2,948	3,402	4,082	4,717	5,216	16,396

SYSTEM SPECIFICATIONS

Model Number	AVGF-12	AVGF-13	AVGF-14	AVGF-15	AVGF-16	AVGF-18	AVGF-20	AVGF-22	AVGF-25
Flow Rate									
2 gpm/sq. feet	226 gpm	265 gpm	308 gpm	353 gpm	402 gpm	509 gpm	629 gpm	760 gpm	982 gpm
3 gpm/sq. feet	339 gpm	398 gpm	462 gpm	530 gpm	603 gpm	763 gpm	943 gpm	1,140 gpm	1,472 gpm
Wash Water Flow Rate	2,373 gpm	2,787 gpm	3,232 gpm	3,711 gpm	4,223 gpm	5,345 gpm	6,598 gpm	7,982 gpm	10,300 gpm
System Dimensions									
Filter Tank Diameter (feet)	12'	13'	14'	15'	16'	18'	20'	22'	25'
Remaining dimensions vary depending on type and tank diameter. Please request a product specification sheet for dimensions, overall height is 252".									
Pipe Size									
Inlet/Outlet	8"	8"	8"	10"	10"	10"	12"	12"	14"
Drain	14"	15"	16"	18"	18"	20"	24"	24"	30"
Shipping Weight									
Industrial lb.	12,200	13,700	15,100	16,100	17,300	21,200	25,200	29,000	34,500
kg	5,534	6,214	6,849	7,303	7,847	9,616	11,430	13,154	15,550
Municipal lb.	15,600	17,400	19,700	22,300	25,000	30,100	34,800	41,500	48,300
kg	7,076	7,893	8,936	10,124	11,340	13,653	17,237	18,825	21,908

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