

MANGANESE GREEN SAND FILTERS

Removal of iron, manganese and hydrogen sulphide from waters

Model Number	Bed Area (Ft. ²)	Media Tank (Dia. X Shell) Height	Flow Rate @ 3 GPM/ Ft. ² Bed Area (GPM)	Flow Rate @ 5 GPM/ Ft. ² Bed Area (GPM)	Back Wash Rate (GPM)	Inlet Pipe Size	Potassium Permanganate Tank Size (Dia x Hgt.)	Media (Ft. ²)	Space Requirements		
									Length	Width	Height
GSF-20-6	2.18	20"x 60"	6.5	10.9	22	1"	18" x 30"	6	50"	32"	84"
GSF- 24-9	3.14	24"x 60"	9.4	15.7	31	1"	18" x 30"	9	54"	36"	84"
GSF- 30-14	4.91	30"x 60"	14.7	24.6	49	1 ½"	18" x 30"	14	60"	42"	86"
GSF- 36-20	7.07	36"x 60"	21.2	35.4	71	1 ½"	18" x 30"	20	66"	48"	86"
GSF- 42-28	9.62	42"x 60"	28.9	48.1	96	2"	18" x 30"	28	72"	54"	88"
GSF- 48-38	12.57	48"x 60"	37.7	62.8	126	2"	18" x 40"	38	78"	60"	88"
GSF- 54-48	15.90	54"x 60"	47.7	79.5	160	2"	18" x 40"	48	84"	66"	90"
GSF- 60-58	19.63	60"x 60"	58.9	98.1	196	2 ½"	24" x 48"	58	96"	72"	92"
GSF- 66-70	23.76	66"x 60"	71.3	118.8	238	3"	24" x 48"	70	102"	78"	92"
GSF- 72-86	28.27	72"x 60"	84.8	141.3	283	3"	30" x 48"	86	114"	84"	94"
GSF- 78-100	33.18	78"x 60"	99.5	165.9	332	4"	30" x 48"	100	120"	96"	94"
GSF- 84-116	38.48	84"x 60"	115.5	192.4	385	4"	39" x 48"	116	135"	104"	94"
GSF- 90-132	44.18	90"x 60"	132.6	220.9	442	4"	39" x 48"	135	142"	108"	96"
GSF- 96-152	50.27	96"x 60"	151.2	251.3	503	6"	39" x 48"	152	148"	116"	96"
GSF- 102-170	56.75	102"x 60"	169.5	283.7	568	6"	48" x 60"	170	162"	124"	100"
GSF- 108-190	63.62	108"x 60"	190.5	318.1	636	6"	48" x 60"	190	168"	130"	100"
GSF- 114-212	70.88	114"x 60"	211.5	354.4	709	6"	48" x 60"	212	174"	136"	102"
GSF- 120-234	78.54	120"x 60"	6.5	390.5	785	6"	48" x 72"	234	170"	142"	104"

80° maximum operating temperature.

Potassium permanganate tanks are non-corrosive.

Influent waters must be oil free – pH range 6.5 to 9.0.

Steel mineral tanks are standard, 100 lb. working pressure, non-code.

Fiberglass mineral tanks through 48 inch diameter optional.

Capacity Per Cu Ft. (Approx):
 1 Cu. Ft. Removal 12000 PPM (FE)
 1 Cu. Ft./MNG² 7000 PPM (FE & MA)
 1 Cu. Ft. Hydrogen Sulfide 3000 PPM (H₂S)

Represented by:



*PWT will construct our systems to meet special applications and designs per your requirements.
 Please contact us for additional information and assistance with this.*

PWT manufactures water softeners, filters, iron removal units, Reverse Osmosis Units, and Demineralizers.