



Sand Filters

Unit#36

Environmental Treatment Specialists



Unit #36 Sand Filter System Specifications

- GPM:** 800 GPM
SK36-5A
- Size:** 4' wide x 20' long x 6.3' high
- Equipment:** Unit consists of 5-36" OD stainless steel sideshell filter tanks
Tanks provide 35 square feet of filtration area
Inlet and outlet manifold connections are 6" flange
Backwash manifold connection with 4" restrictor valve and a 4" male cam and groove fitting
Most effective backwash rate is 125 gpm min / 180 gpm max
8" media loading ports
2 1/2" media removal ports
Dry weight is 4,500 pounds
80 psig working pressure
400 pounds of gravel per tank 1/2" x 3/4" or 4 cuft per tank
800 pounds of sand per tank – based on silica sand .44-.55 uniformity coefficient of 1.6 or 8 cuft per tank
Footprint: 46" wide x 237" long x 84.5" high
From grade to cl inlet - 62", cl outlet - 14", cl backwash - 76"
Hydraulic actuation valves
Nelson 800 series flow control valve on effluent line
- Power Req:** 110 VAC or Solar Panel

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