

Pyrolox[®] Filters For H₂S and Iron Reduction With Fleck[®] 2510 Filter Valve



Advantages:

- Low pressure loss in service.
- High service flow rates.
- No chemical regeneration
- Reduction of iron, sulfur and manganese
- Periodic backwash
- Hard granules to reduce attrition.

Physical Properties:

- Color - Black
- Density - 125 lb./cu.ft.
- 8 X 20 Mesh
- Size - 0.51 mm

Brief Description:

- A natural mined mineral effectively reducing iron, sulfur and manganese from problem waters.

Filter Controls:

- Fleck[®] 2510 backwash valve with 120 volt timer. 1" connections.
- 7 or 12 day options.
- Programmable regeneration for minimum water usage.

Conditions of Operation:

- pH range: 6.5 - 9.0
- Will operate with temperatures up to 140°F.
- Bed depth: 24"
- Freeboard should be 40% of bed depth.
- Service flow rate: 5 gpm/sq.ft. (Intermittent flows may be higher)
- Backwash rate: 25 gpm/sq.ft.

Model No.	Pyrolox Lbs	Tank Size	Service Flow	B'wash Flow
25P244	40	7 x 44	4.5	7.0
25P844	60	8 x 44	4.5	9.0
25P948	100	9 x 48	6.0	10.0
25P1054	130	10 x 54	7.5	12.0

Pyrolox[®] is a naturally mined manganese dioxide mineral. This mineral has been used for years as a means for treating iron, hydrogen sulfide and manganese. This process is accomplished without the use of any chemical for regeneration. Only periodic backwashing is required. The mineral is very heavy so sufficient backwash water must be available to clean the oxidized material out of the bed. Chlorine can be added to enhance the catalytic reaction.