

Multi-Tech Separator System

FUNCTIONS:

Raw water from either wells, dugouts, lakes or rivers is fed into a chlorine/hydrogen peroxide retention system. The chlorine/hydrogen peroxide will kill bacteria such as coliform and E.coli. The chlorine/hydrogen peroxide also will oxidize iron, manganese and will eliminate hydrogen sulphide gas (rotten egg odor). The water is then fed into a multi-media filter which will remove all of the oxidized iron, oxidized manganese, odor chlorine and hydrogen peroxide residual. Water is then fed into the multi-pure membrane system and the waste water is piped into the sewer system and the product water is piped into a 150 gallon storage tank which is then repressurized into the household plumbing system. The multi-pure membrane system is designed and engineered to remove tannin (color), reduce total dissolved solids and hardness up to 90%, reduce nitrates, sodium and sulphates up to 90%. The multi-pure membrane system can also be designed to remove colloidal iron and turbidity.

ELIMINATES:

- Tannin (color) - Total Dissolved Solids (up to 90%)
- Hardness (up to 90%) - Nitrates, Sodium and Sulphates (up to 90%) - Colloidal Iron
- Turbidity

SYSTEM INCLUDES:

- Liquid Injection Pump
- Solution Container (18" w x 40" h)
- 5 Gallons Liquid Chlorine or Hydrogen Peroxide
- 40 Gallon Retention Tank (18" d x 60" h)
- Test Kit
- 10/54 Fully Automatic Multi-Media Filter
- By-Pass Valve
- Multi-Pure Membrane System (up to 1,000 G.P.D.) (16" x 16" x 54")
- 150 Gallon Storage Tank (26" x 34" x 60")
- 1/2 H.P. Repressure Pump
- 7 Gallon Draw Down Pressure Tank (16" d x 30" h)
- All Plumbing and Electrical Fittings

NOTE:

- Commercial systems and prices available upon request.



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