

ProSat - Vac Fluoride Saturator & Dosing System

15MLD - Vacuum Loading System



ProMinent's Pro Sat - Vac Fluoride Saturator System. Provides a safe & economic way of dosing fluoride into your water supply with ProMinent's Vacuum Loading System. To ensure dust free loading of 25kg sodium fluoride bags.

Chemical Loading

- Chemical loading via a ProMinent vacuum Loader System.
- Low Dust.
- Integrated dust reducing vent tank.
- Exhaust filtered and piped outside of the room.
- Increased operator safety.

Tanks

- Twin tanks integrated into a single package. Custom fabricated tank/baffles.
- Two blank sides on the tanks, allowing placement in the corner of the room.
- Available as a Vacuum Loader or with a ProMinent Bottle loader fitted.
- One tank makes a batch, the chemical is aggressively mixed and then allowed to settle.
- The batch is transferred regularly to top up the second tank.
- Second tank contains clean saturated fluoride solution. Ready to be dosed at any time.
- Only a small amount of fluoride is required to be loaded into the system. This will still maintain complete saturation of the solution in the second tank. Unlike a conventional saturator which requires large volumes of chemical to operate.
- When tank cleaning is required, only a small amount of waste chemical needs to be removed.

Water Softener

- A water softener are supplied with the system.
- Softener removes the "hardness" from the service water. The fluoride in the tank last longer with the "hardness" removed.
- Automatic regeneration of the water softener does not require intervention by the operator.
- The water heater heats up the water entering the tank, this results in less time for chemical to saturate.
- These components are fully integrated into the system.

Equipment: General

- Compact system made in modules.
- Easy to place in the room, especially with restricted space.
- Layout variation possible with modular design, allows for difficult rooms.
- Easy to wire junction box in each module. Connect with multicore cabling.
- One system can operate over a large flow range. This allows the system to be upgraded to larger flow rates in the future.
- Lower waste generated and easier cleaning.
- Latest modern design made to be very efficient.
- This system is suitable for 0.15 to 15ML/day.

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