

ProSat - 5 Fluoride Saturator & Dosing System

3MLD - 5KG Bottle Saturator System



ProMinents Pro Sat - 5 Fluoride Saturator System. Provides a safe & economic way of dosing fluoride into your water supply. With its patented bottle loader there is no powder released into the atmosphere when loading.

Equipment: General

- Compact system made in modules.
- Easy to place in the room, especially with restricted space at the room entry.
- Layout variation possible with modular design, allow for difficult rooms.
- Easy to wire junction box in each module. Connect with multicore cabling.
- Only requires 240v 10A single phase power.
- Does not require compressed air or has any special requirements.
- This system is suitable for up to 3ML/day.
- Dosing pumps calibration to only dose 0 - 110% of target setpoint.

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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.

Chemical Loading

- Chemical stays dry in the bottles.
- Easy long-term storage of chemical in the supplied bottles.
- Storage is unaffected by humidity or moisture.
- ProMinent Bottle Loader enables very fast loading of the chemical.
- Flush jet cleans the bottle before removing it from the bottle loader.
- Dust becomes wet and drops into the tank.
- Removed bottles have very little chemical residual, allowing safer handling of the bottles.
- Simple and easy to operate.
- Very low dust in room, compared to other systems.