



SILANOS
QUALITY MADE EASY



Integrated Osmosis

Available on
the following models:
VS H50-40NP
VS D50-37N



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Integrated Osmosis

What is the principle of reverse osmosis?

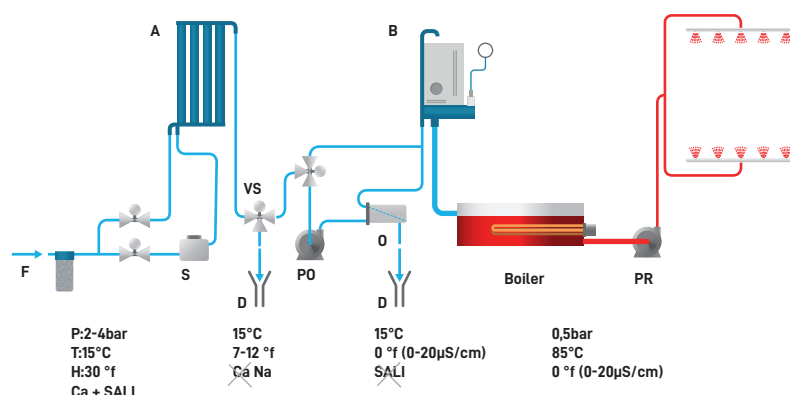
The principle of reverse osmosis relies on forcing the water through a semipermeable membrane in order to separate the substances of organic and inorganic origin dissolved in it. About 95% of the chemicals is retained. This results in pure, mineral-free water which guarantees excellent washing results without the need for manual polishing.

Why integrated osmosis

- The ultimate technology in current water treatment
- It removes organic and inorganic chemicals in the water
- It allows for natural drying of glasses and cutlery without deposits, no need to polish them by hand
- It reduces detergent consumption by up to 65% and rinse aid consumption by up to 95%
- The absence of residual rinse aid on the glasses enhances the formation of foam for sparkling wine and beers

Why the Integrated Osmosis System by Silanos

- Silanos couples this technology with a water softening system fully integrated into the dishwasher that does not imply any additional space in the room. It only requires the use of a coal pre-filter on the water supply
- The coal filter eliminates chlorine, extends the membrane life and renders the water odourless
- The ion-exchange resin water softener eliminates limestone, preserves internal piping by reducing deposits creating bacterial proliferation and increases the membrane effectiveness and durability
- Demineralisation is carried out by a single high-efficiency membrane which removes 95% of the organic and inorganic chemicals in the water, cuts down the bacterial charge and produces water under optimal conditions for an excellent result
- Using a single membrane makes the hydraulic circuit simple, facilitates its maintenance and reduces the cost of spare parts as well as saving time



REQUESTED REQUIREMENTS:

- upstream softened water or machine built-in water softener
- minimum inlet water pressure 3bar
- constant maintenance for external filter and internal membrane



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