

# 3M Pro Reverse Osmosis Drinking Water Filtration System Provides Consistent Pressure, Increased Production

High-pressure booster pump keeps production steady

3M Purification introduces the 3M™ Pro Reverse Osmosis Drinking Water Filtration System. The 3M Pro RO helps provide cleaner, better tasting water using multi-stage filtration, and also includes a high-pressure booster pump for increased production. The addition of the booster pump gives the 3M Pro RO a consistent pressure of 100 psi and the ability to deliver 36 to 50 gallons of clean, great-tasting water per day.<sup>1</sup>

While a standard reverse osmosis filter system relies on the house's own water pressure—typically ranging from 30 to 60 psi, and subject to variations—the 3M Pro RO's booster pump delivers a consistent driving pressure of 100 psi regardless of the regular feed pressure coming into the home, dramatically increasing its production. An additional advantage of the 3M Pro RO is its electronic pressure switch, set to activate at 40 psi and shut off at 60 psi. Traditional line pressure RO systems still use standard shutoff valves, typically turning on at 1/3 line pressure and off at 2/3 line pressure. But with the 3M Pro RO's electronic pressure switch, the system provides more water in the tank at a higher delivery pressure. Furthermore, the system is optimized with a commercial grade transformer for additional quality assurance.

The 3M Pro RO is extremely compact for a booster pump system, and can be installed centrally in a home with lines run to multiple faucets or appliances. With its quick tank recovery and consistent pressure, the system is a fantastic convenience for sinks in kitchens, baths, and wet bars, as well as for refrigerators.

The 3M Pro RO shares many benefits with its predecessor model, the 3M™ Reverse Osmosis Drinking Water Filtration System. Both systems reduce sediment, off-tastes and odor; and feature a sanitary, encapsulated reverse osmosis membrane, and carbon block post-filter for superior flow from a dedicated faucet. The systems can be easily installed under the sink for dedicated drinking and cooking water use, and have a sanitary quick change (SQC) design, allowing for fast and easy replacement filter change-outs without the need of a filter wrench. 3M's filter systems help conserve water by shutting down when the storage tank is full, and automatically turn on to refill the tank. The products are designed for both chlorinated and non-chlorinated municipal or well systems.

To learn more about the 3M Pro Reverse Osmosis Drinking Water Filtration System, visit [here](#).

## About 3M

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<sup>1</sup> Nominal production rate of membrane when running to atmosphere (i.e., with empty tank) at 77° F is 50 gpd. Production varies based on pressure (fullness) of storage tank.

Photos/Multimedia Gallery Available: <http://www.businesswire.com/multimedia/home/20130424006406/en/>

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The 3M(TM) Pro Reverse Osmosis Drinking Water Filtration System helps provide cleaner and better tasting water using multi-stage filtration. (Photo: 3M Purification)

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