

3M™ Water Filtration Products

3M™ Commercial Reverse Osmosis Water Storage Drawdown Tanks

The 3M™ Commercial Reverse Osmosis (RO) Water Storage Drawdown Tanks are available in three sizes for storing and dispensing reverse osmosis water. They are ideal for use in foodservice applications such as steamers, combi ovens, coffee, espresso and designed to work with 3M™ Reverse Osmosis Systems. Offered in 10, 20 and 40 gallon sizes, the drawdown tanks can satisfy a variety of RO-water needs. In addition, the drawdown tanks can be plumbed together to accommodate higher volume water demands.

Tanks come with 1" or 1-1/4" male NPT connections on the stand pipe. Installation kits are included with components that allow you to connect to a 3/8" NPT and 1/2" push-in type for tube connections. A pressure relief valve is provided and must be installed to reduce the risk of excess pressure build up in the tanks.

Product Benefits:

- Available in 3 sizes: 10, 20, and 40 gallons.
- Installation kit included that enables a reduction to a 3/8" NPT or a 1/2" push in tube connection.
- Ball valve assembly available in 20 and 40 gallon tanks.
- 1" or 1-1/4" NPT male connections for easier installation.
- 100% sealed construction provides an impermeable environment and minimal leak potential.

Product Specifications:

- Tank is constructed with fiberglass wrap and seamless polypropylene liner.
- Water reservoir is constructed using a butyl rubber diaphragm and a polypropylene lower chamber.
- Maximum operating pressure of 125 psi (862 kPa) and operating temperature of 100°F (37.8°C).



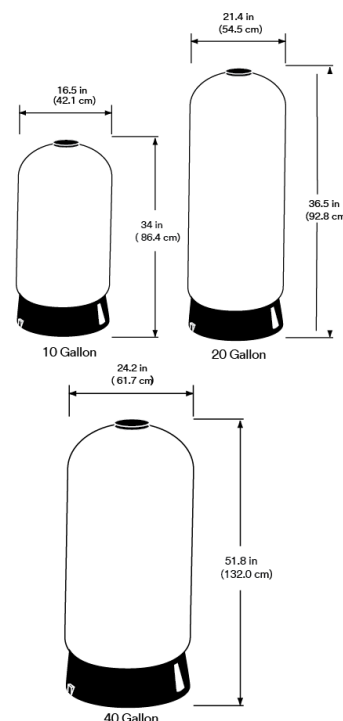
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System

3M ID	JDE ID	SAP ID	Description
70020018019	5598407	7000050389	10 gallon drawdown tank with installation kit
70020018027	5598408	7000029227	20 gallon drawdown tank with installation kit
70020018035	5598409	7000029228	40 gallon drawdown tank with installation kit
70020143627	5591202	4100029431	20 gallon drawdown tank with installation kit and ball valve
70020018035	5591203	4100029342	40 gallon drawdown tank with installation kit and ball valve

Product Dimensions

Model	Height	Diameter	Mass	Connection	Tank Volume (gal)
10 gallon	34 in (86.4 cm)	16.5 in (42.1 cm)	26 lb (11.4 kg)	1" MNPT	10
20 gallon	36.5 in (92.8 cm)	21.4 in (54.5 cm)	38 lb (17.3 kg)	1 1/4" MNPT	20
40 gallon	51.8 in (132.0 cm)	24.2 in (61.7 cm)	65 lb (28.0 kg)	1 1/4" MNPT	40



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Spec # _____
Quantity _____
Model # _____
Part # _____

Important Installation Tips:

These installation tips are for informational purposes only and are not intended to be used as actual installation instructions.

⚠ WARNING: Read entire product manual and Performance Data Sheet. Failure to follow all product instructions could cause personal injury from exposure to contaminants AND/OR property damage due to water leakage or flooding.

- **For cold water use only.** Not for residential applications.
- System installation and use must comply with all state and local regulations and plumbing codes.
- Filter cartridge must be replaced at the required intervals as stated on the product label and manual.
- If your water supply pressure is higher than 80 psi, you must install a pressure reducing valve before installing system.
- **DO NOT use** with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection and Use: Many factors can affect whether a 3M product is appropriate for a particular application and how it performs, including local water and plumbing conditions. Customer is solely responsible for determining whether a 3M product meets customer's specific application requirements, including testing incoming source water quality and comparing it to the product's capabilities described in the Performance Data Sheet. Failure to properly evaluate, select, use or maintain a 3M product, or to meet applicable regulations or instructions, may result in personal injury from exposure to contaminants AND/OR property damage due to water leakage or flooding.

Limited Warranty, Limited Remedy, and Disclaimer: 3M warrants that this product (excluding filter cartridge or filter membrane) will be free from defects in material and manufacture for the period of one (1) year from the date of purchase. No warranty is given as to the service life of any filter cartridge or membrane as it will vary with local water conditions and water consumption. Except as required by law, 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. This warranty does not cover failures resulting from misuse, alterations, failure to follow instructions or damage not caused by 3M. This warranty does not cover labor. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

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