



# LANCASTER

## WATER TREATMENT

*Est. 1942*

# REVERSE OSMOSIS

TFC

### Protects your Family

Strategically designed to remove harmful contaminants found in both municipal and well water providing higher quality drinking water than bottled or tap filtration.

### Chemical Free Water Filtration

Utilizing physical filtering media to collect water contaminants rather than using chemicals to alter the contaminants within the water allows the system to provide your home with safe and healthy drinking water.

### Space Saving

We understand that homes come in all shapes and sizes. To ensure that we provide you with the best fit for your home, we offer these space saving reverse osmosis options.



**POWERFUL  
FILTRATION**



**SIMPLIFIED  
MAINTENANCE**



**REPLACES  
BOTTLED WATER**

# TFC REVERSE OSMOSIS

OUR TFC REVERSE OSMOSIS FILTER SYSTEM IS A CONVENIENT AND ECONOMICAL METHOD OF REDUCING UNWANTED CONTAMINANTS IN YOUR DRINKING WATER.

## HOW IT WORKS:

1. Untreated water enters the Guardian Reverse Osmosis filter system.
2. The water flows through the Sediment/Carbon prefilter which filters large particles and reduces chlorine; T.F.C. Membrane which filters small particulates, total dissolved solids, bacteria, and other contaminants; and Activated Carbon post filter which reduces any taste and odors in water.
3. Treated water is stored in a 2-gallon tank.
4. The TFC Reverse Osmosis filter system removes contaminants to incoming water and stores 2 gallons for on-demand use while properly maintained.



MODEL NUMBER	MEMBRANE PRODUCTION (GPD)**	DIMENSIONS HxWxD (IN.)	TREATMENT
7-TFC-50	50 +/- 5	18 x 13 x 6	Removes sediment and scale Reduces chlorine Reduces Lead, Barium, Cadmium, Chromium (Hexavalent), Nitrates, Chromium (Trivalent), Copper, Radium 226/228, Fluoride, Selenium, TDS, Cysts (Cryptosporidium), Pentavalent Arsenic, Nitrite, and Sodium

Re-mineralization cartridge 255546-43 available upon request.

\*Dimensions for estimating purposes  
\*\*Actual system production and contaminant reduction will depend upon water temperature, pressure, pH and T.D.S. level, membrane variation and usage pattern.

## Operating Parameters:

SERVICE TIME	Avg. 12 mths. – Cartridge, Max. 2yrs – Membrane ***
PH	3 to 11 (optimum rejection at 7.0 to 7.5)
TEMPERATURE	Min. 40° F - Max. 100° F
PRESSURE	Min. 40 PSI - Max. 100 PSI
OTHER CONSIDERATIONS	Total Dissolved Solids must be less than 2000 ppm. Hardness must be less than 10 gpg. Iron must be less than 0.1 ppm. Manganese must be less than 0.05 ppm. Chlorine less than 1 ppm or more frequent prefilter replacement. No hydrogen sulfide or bacteria to be present. Other equipment may be needed based on water quality.

\*\*\* Dependent on water quality and pre-treatment