

## Accessories

# 9R011B Reverse Osmosis Water System

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_



**9R011B (9R011B)** Reverse Osmosis Water System

### Short Form Specification

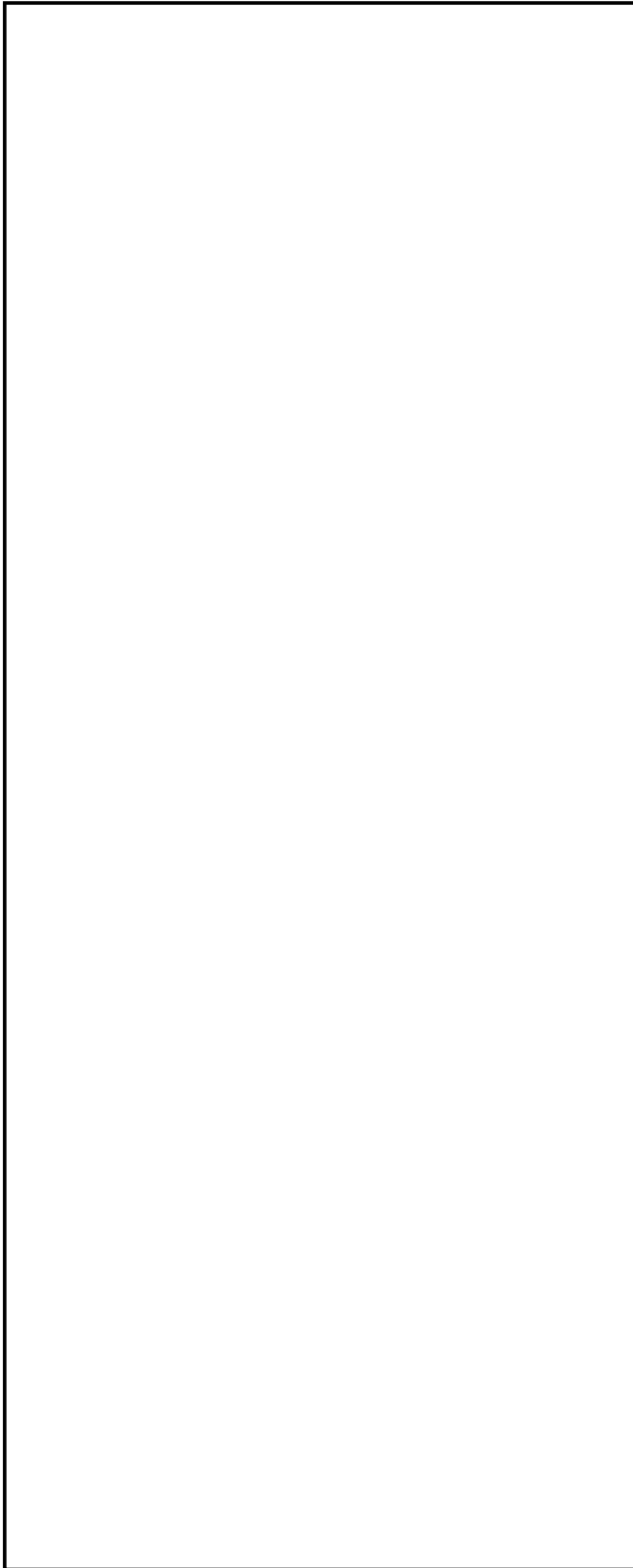
**Item No.** \_\_\_\_\_

The WM500 Reverse Osmosis Water System is ideal for small commercial applications requiring a consistent supply of high quality water in a simple and compact package. Designed to be a modular system using mostly common non-proprietary components which allows for cost effective maintenance and the highest degree of reliability. The base model can produce up to 500 gallons of high quality reverse osmosis water per day. Available with several options to meet site specific needs including a booster pump and several external storage tanks.

### Main Features

- **MECHANICAL FILTRATION** - The USA made sediment pre-filter reduces dirt, silt, rust and other sediment in the water. Its 5 micron (equal to 0.0002 inch) nominal rating helps to give a maximum life to the carbon filtration step.
- **ACTIVATED CATALYTIC CARBON** - The USA made Catalytic Carbon filter reduces chloramine, chlorine and several other organic chemicals which will extend the life of the membrane and increase the product water quality.
- **REVERSE OSMOSIS MEMBRANES**- The ~500 GPD R.O. Membrane is designed to reduce the dissolved mineral content of the water. In the Reverse Osmosis process, dissolved minerals are separated from the incoming water (Feed) to produce the product water (Permeate). The excess minerals are rinsed to drain (Concentrate). The R.O. membranes have a typical rejection of >90%. This water is then stored in a pressurized storage tank for future use..
- Reverse Osmosis system with mineral blending for foodservice applications including specialty coffee brewers, espresso, steamers, combi ovens, and small ice machines, craft brewing and more.
- High capacity USA made pre filters.
- Highly efficient design includes a permeate pump for the ultimate in efficiency and production rate.
- Dual TDS monitor ensures consistent product quality every time.
- Flow monitor ensures filters get changed on time.
- Three pressure gauges allow you to easily monitor and trouble shoot the system.
- Manual bypass valve allows equipment to run in the event of a system failure.
- Quick connect John Guest fittings, 1/2" for inlet, 1/2" outlet, 1/4" for drain.
- Multiple storage tanks available from 1-80 gallons.
- Inlet water temperature 85° maximum.
- Inlet Pressure 40-80 PSI
- Incoming TDS <1000 ppm
- Hardness < 2 GPG
- Iron, manganese, H2s <.01 ppm

**APPROVAL:** \_\_\_\_\_



**Key Information:**

External dimensions, Width:

9R011B (9R011B) 660 mm

External dimensions, Height: 635 mm