



Models:  
IS100X-XT

## Intellis Electronic Residential Water Softener



**Intellis Electronic Water Softeners**  
Push button programming  
of Microprocessor

### At A Glance:

Are you troubled by hard water? Feel the difference with our MacCLEAN Intellis Electronic Water Softener. This appealing cabinet-style model has a small footprint and delivers a supply of soft water that helps reduce scale build up caused by hard water, and helps extend the life of all your appliances that use water – water heaters, dishwashers and clothes washers.

MacCLEAN Intellis Series systems deliver multiple benefits that include energy savings by improving the efficiency of your water heater and monetary savings by using up to 70% less detergent and other cleaning products. Furthermore, softened water helps your skin and hair feel softer and smoother because soap rinses away more easily with soft water, revealing its natural beauty.

### Product Benefits:

The many benefits of your MacCLEAN Intellis system include:

- Adjustable metered operation allows maximum flexibility for specific water conditions and usage patterns. Regenerates only when necessary, helping to minimize energy use, water waste and salt consumption.
- Patented one-piece mineral tank has no glue joints or heat welded seams to crack or rust.
- Patented CYCLONE distributor scrubs ion exchange resin clean during backwash, helping reduce system maintenance.
- Robust brine tank design includes safety brine valve to help prevent messy overflows.

# Intellis Electronic Water Softeners

| Specifications |            |           |                      |                |                       |                      |   |
|----------------|------------|-----------|----------------------|----------------|-----------------------|----------------------|---|
| Model Number   | Control    | Pipe Size | Approximate Weight   | Grain Capacity | Flow Rates            |                      | Space Requirements<br>Width x Depth x Height      |
|                |            |           |                      |                | Service               | Backwash             |   |
| IS100X-XT      | Electronic | 1"        | 123 lbs<br>(55.8 kg) | 20,000         | 7.0 gpm<br>(26.5 lpm) | 2.4 gpm<br>(9.1 lpm) | 26 in x 11 in x 44 in<br>(66 cm x 28 cm x 112 cm) |

Simple push button programming allows you to monitor and control every function and cycle. Regeneration is delayed to a time when conditioned water is not required.

#### NOTES:

- 1) WARNING: Never use this unit in conjunction with an air-to-water pressure tank.
- 2) For optimum iron reduction, add IRON-X resin cleaner to salt in brine tank.
- 3) Iron reduction is not the primary function of a water softener. For best results, use a CHEM-FREE iron reduction system.

#### WARNING

To reduce the risk associated with ingestion of contaminants:

- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

#### CAUTION

To reduce the risk associated with property damage due to water leakage:

- **Read and follow** Use Instructions before installation and use of this system.

To reduce the risk associated with property damage due to plugged water lines:

- Pay particular attention to correct orientation of control valve. Water flow should match arrow on control valve. The Inlet and Outlet of other water treatment equipment products will vary depending on the control valve brand used.

Distributed by:

U.S. Patent Numbers: 5,584,411 - 5,699,930 - 6,379,630  
European Patent Number: EP 0779244 B1



**3M**