

*A Quality Household Tannin  
Removal System*



**A**n unfavorable trait found in some home water supplies is a yellowish coloration which is organic in nature, but presents no health hazard. This situation is caused by tannin which are suspended particles in water that has passed through peaty soil and decaying vegetation.

The yellowish traits are not very visible in a glass of water, but can frequently be noticed when water has been drawn for a bath. White porcelain in the tub will show even the slightest discolorations.

These tannin organic bodies can be absorbed by a special anion exchange resin, which is regenerated with a salt solution in the **TLR 844 MPT**.

### **Features Include:**

- Non-Corrosive—poly mineral tank, thermo plastic brine tank Noryl valve reinforced with fiberglass.
- Automatic Bypass—water available even during regeneration.
- High Capacity Resin.
- Turbulator Distribution System.

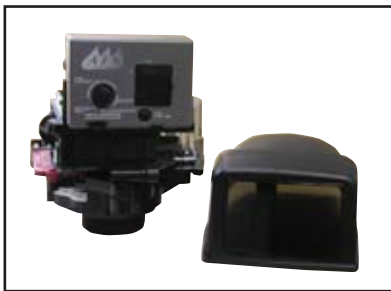


## **T**LR 844 MPT Control

The two key components of the “Commander” Electronic Demand System are the microprocessor, a miniature computer located on the circuit board, and a water meter located at the valve outlet. The flow of treated water through the meter causes electrical impulses to be generated, which in turn, are sent to the computer. The computer takes this information and determines the amount of treated water being used. Every night, at 2 A.M.; the past 7 days’ water usage is statically averaged to anticipate the amount of water that will be used the next day. The computer then determines if the tannin unit has enough remaining capacity to supply the next day’s needs. If not, the unit will regenerate. If the water usage pattern changes, the computer automatically compensates for the change and regenerates only when needed.

During a power outage, all of the data in the microprocessors’ memory is stored in a special electronic chip called NOVRAM, Non-volatile Random Access Memory. This data includes the time-of-day, water usage amount, and the number of days since the last regeneration.

The NOVRAM will maintain the data in its memory. When power is restored the NOVRAM returns the data to the microprocessor and operation resumes as if an outage never occurred.



TLR MPT Control Valve



256 Noryl Bypass is included

### Specifications

### TLR 844 MPT

Mineral (Cu. Ft./Lbs.)	1/41
Mineral Tank Size	8" x 44"
Brine Tank Size	15" x 17" x 33"
Service Flow	6
Backwash Rate (gpm)	2.0
Max. Pressure Drop (psi)	10
Pipe Size	3/4"
Max. Pressure (psi)	125
Max. Temperature, F°	100°
Floor Space	15" x 25"