

# Soft water for your home and your family

Reliable water conditioning solutions for hard water problems



## 9000 TMI Valve Softeners

*Unlimited soft water supply...24 hours a day, 7 days a week*

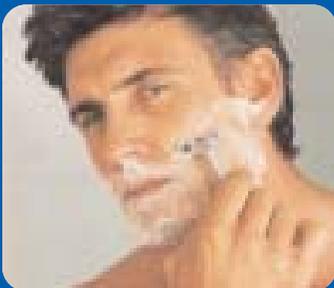
In a class by itself, TMI is engineered for heavy residential needs. All water softeners require periodic regeneration when their softening capacity is exhausted. Conventional softeners can allow hard water to bypass the softener during regeneration.

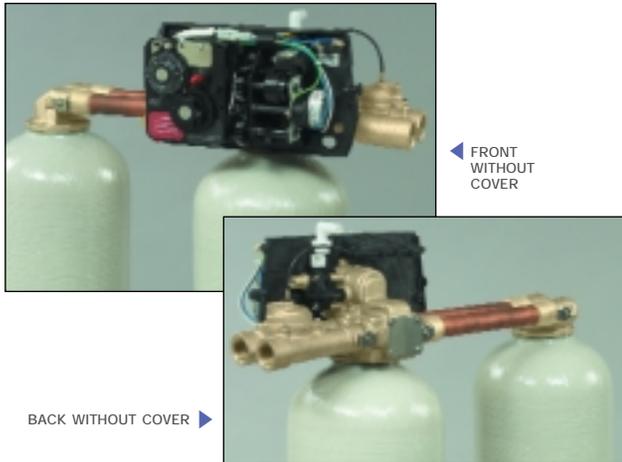
The T9000 valve features a twin mineral tank system governed by a meter initiated control valve. One softener tank is in service, delivering soft water, while the second softener tank is held in reserve. When the softening capacity of the service tank is exhausted, the control valve automatically switches the water flow to the reserve tank. The exhausted tank regenerates immediately and then becomes the reserve. This ensures a continuous supply of soft water.

# FLECK T9000



Sold by:





## Product Features

- Fully adjustable 5-cycle control delivers controlled upflow backwash, downflow brining, slow rinse, rapid rinse, timed brine refill and downflow service
- Perfect for light commercial/heavy residential systems that require twin tank conditioning capabilities
- Continuous flow rate of 21 GPM
- All cycles easily adjustable; program just what's needed with "all cycle" variable time control
- Backwash capacity handles tanks up to 16"
- Choice of 3/4" or 1" meter satisfies wide range of operational needs

## Options

- Bypass valve (Noryl®\*\* or lead-free brass\*\*)
  - Hot water (150° F max., 1" only)
- Electronic timer, SE or ET
- Window cover
- No hard water bypass
- Auxiliary switches



## Valve Specifications

Valve material	Lead-free brass**
Inlet/Outlet	3/4", 1" or 1-1/4"
Cycles	5

## Flow Rates (50 psi Inlet) - Valve Alone

Flow rate (50 psi inlet)	1" meter	3/4" meter
Continuous (15 psi drop)	21 GPM	18 GPM
Peak (25 psi drop)	28 GPM	24 GPM
CV (flow at 1 psi drop)	5.1	4.8
Max. backwash (25 psi drop)	8.5 GPM	8.5 GPM

## Regeneration

Downflow/Upflow	Downflow only
Adjustable cycles	Yes
Time available	164 or 82 minutes

## Meter Information

Meter accuracy range	
1"	0.7 - 40 GPM +/- 5%
3/4"	0.25 - 15 GPM +/- 5%
Meter capacity range (gal.)	
1"	Standard: 310 - 5,270 Extended: 1,550 - 26,350 SE: 1 - 9,999 ET: 1 - 9,999,999
3/4"	Standard: 125 - 2,125 Extended: 625 - 10,625 SE: 1 - 9,999 ET: 1 - 9,999,999

## Dimensions

Distributor pilot	1.05" O.D.
Drain line	1/2" NPT
Brine line	1600 - 3/8"
Mounting base	2-1/2" - 8 NPSM
Height from top of tank	6-1/2"

## Typical Applications

Water softener	6"-16" diameter
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## Additional Information

Injector brine system	1600
Electrical rating	24 v, 110 v, 220 v - 50 Hz, 60 Hz
Max. VA	8.9
Estimated shipping weight	3/4" Metered valve: 19 lbs. 1" Metered valve: 23 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F

## Approvals

WQA Gold Seal system	1.0 - 6.0 cu. ft.
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\*Noryl is a registered trademark of General Electric Company.

\*\*As defined in the Safe Drinking Water Act.

