

## 9100TS TWIN SENSOR WATER TREATMENT SYSTEM

24/7 FLOW OF CONDITIONED WATER

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The Pentair 9100TS Water Treatment System provides a 24/7 flow of conditioned water. The system's dual sensors measure the conductivity of the resin bed to determine the true softening capacity. This advanced technology ensures the system provides 100% of its treatment capacity before regenerating. The 9100TS pairs the superior valve design of Pentair and the sophisticated Logix controller electronics for unrivaled performance and dependability.

### FEATURES/BENEFITS

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Salt and water savings by using 100% capacity of the tank in service before switching to the second tank

Dual sensor that reads varying shifts in hardness and adjusts valve settings for optimal performance and savings

Regenerates immediately when needed for continuous soft water

Regenerates with soft water and keeps system clean for optimum operating efficiency and minimum maintenance

Proven technology and performance

Corrosion-free fiber-reinforced polymer valve body

LOGIX timer

Perfect for light commercial/heavy residential systems that require twin tank conditioning capabilities

Upflow brining for improved treatment capacity

### OPTIONS

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Fiber-reinforced polymer or lead-free brass meter

Bypass valve (fiber-reinforced polymer or stainless steel)

1.26" (32mm) high flow distribution system

## FLOW RATES

METER TYPE	CONTINUOUS (15 PSI DROP)	PEAK (25 PSI DROP)	MAX BACKWASH (25 PSI DROP)	CV
3/4" METER	18 gpm	24 gpm	8.5 gpm	4.8
3/4" TURBINE	19 gpm	25 gpm	8.5 gpm	5
1" METER	21 gpm	28 gpm	8.5 gpm	5.1

## VALVE SPECIFICATIONS

Valve Material	Fiber-reinforced polymer
Inlet/Outlet	0.75", 1" or 1.25"
Cycles	6

## REGENERATION

Downflow/Upflow	Upflow only
Adjustable Cycles	Yes
Time Available	Logix: 199 min/cycle

## DIMENSIONS

Distributor Pilot	1.05" O.D. & 32 mm
Drain Line	1/2" NPT
Injector Brine System	1600
Brine Line	3/8"
Mounting Base	2.5" - 8 NPSM
Height from Top of Tank	7.3", 185.42 mm

## TYPICAL APPLICATIONS

Water Softener	6" - 16" diameter
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## ADDITIONAL INFORMATION

Electrical Rating	12 Volts DC
Estimated Shipping Weight	Metered Valve: 10 lbs
Pressure	Hydrostatic: 300 psi (20 bar) Working: 20 - 125 psi (1,4 - 8,5 bar)
Temperature	34-110°F (1-43°C)



### WATER QUALITY SYSTEMS

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