

# PRODUCT DATA SHEET

## AUTOMATIC WATER CONDITIONING SYSTEMS

### ALTERNATING TWIN 9100 SERIES TURBO MODELS

#### Standard Features:

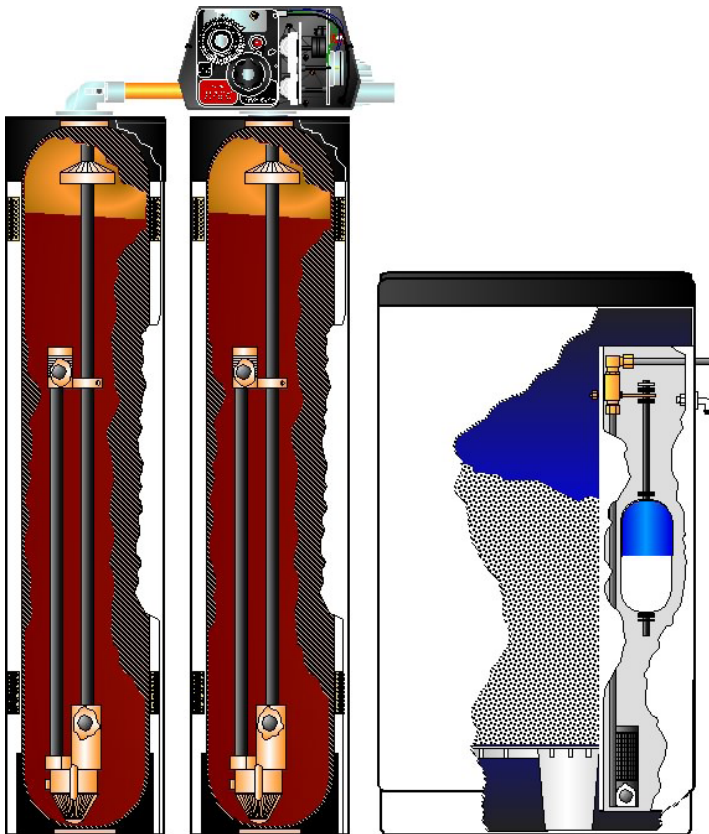
- Alternating Tanks
- Fleck 9100 Control Valve
- Corrosion-Free Noryl® Valve
- 3/4" Meter
- Motor-Driven Piston-Operated
- Premium Grade Media
- 24 Hour Service
- Regenerates with Soft Water
- Lifetime Fiberglass Tanks
- Seamless Brine Tanks
- Safety Overflow System
- Dry Salt-Grid System
- Mechanical Meter - Metered Water Usage

#### Optional Features:

- Heavy Insulated Tank Cover
- 3/4" Lever By pass
- 1" Lever By-Pass

Choice of Brine Tanks

Type	Shape	Dimensions	Amt Salt	Models
Compact	Square	11" x 36"	150 Lb	100-150
Space Saver	Rectangl	15" x 17"	240 Lb	100-150
Short Standa	Round	18" x 33"	240 Lb	100-200
Standard	Round	18" x 40"	320 lb	100-200



Turbulator Distributor - Rotates Bed During Backwash  
Allows The Full Bed To Achieve Peak Cleaning

## PRODUCT SPECIFICATIONS

Model No.	Media Cubic Ft.	Grains of Capacity			Cont FR 15 psi drop	Media Tank Dia X Ht.	Iron Reduction**	Pipe Con. Size	Max Drain Flow gpm	Drain Size	Distributor Type	Brine Line Size
		15 lb / cu ft	8 lb / cu ft	6 lb / cu ft								
100TB	1.0	32000	24000	21,000	8 gpm	8 x 44	3 ppm	1" or 3/4"	2.4	5/8"	Turbo	3/8"
150TB	1.5	48000	36000	31,500	10 gpm	10 x 47	3 ppm	1" or 3/4"	3	5/8"	Turbo	3/8"
200TB	2.0	64000	48000	42,000	10 gpm	10 x 54	3 ppm	1" or 3/4"	3.5	5/8"	Turbo	3/8"

Model No. Preceded by 9100TW

\*\*Iron in solution, iron reduction can vary depending on exact iron chemistry, pH, and other water conditions

## PRODUCT SPECIFICATIONS

Not intended to be used to treat water that is Microbiologically unsafe or of unknown quality. Installation must comply with all state and local codes. To sanitize system after installation or service add household bleach to brine tank (1cup/cu. ft.). WARNING: Do not add chlorine bleach to brine tanks containing iron removing salt.

Operating Water Temperature Range  
Operating Ambient Temperature Range  
Operating Pressure Range  
UL approved electrical components

Max 100°  
Max 120°  
Max 125 psi  
110v - 60 hz  
Minimum 35°  
Minimum 35°  
Minimum 20 psi



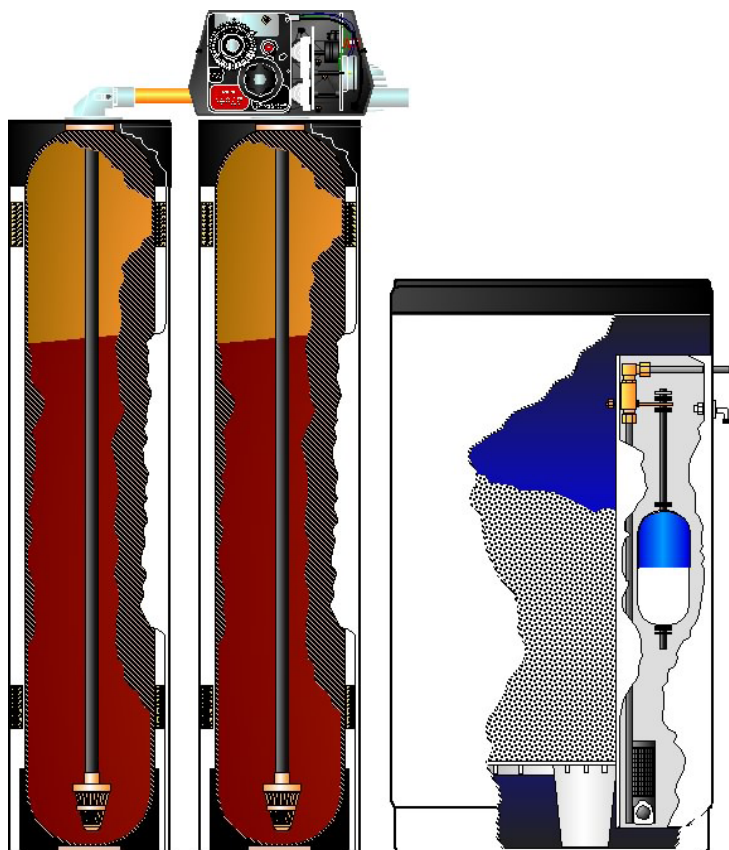
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# PRODUCT DATA SHEET

## AUTOMATIC WATER CONDITIONING SYSTEMS

### ALTERNATING TWIN 9100 SERIES STANDARD RISER MODELS



Standard Riser Distributor - Conventional Backwashing

\* Tank Jackets are available for tanks up to 10" in diameter

#### Standard Features:

- Alternating Tanks
- Fleck 9100 Control Valve
- Corrosion-Free Noryl® Valve
- 3/4" Meter
- Motor-Driven Piston-Operated
- Premium Grade Media
- 24 Hour Service
- Regenerates with Soft Water
- Lifetime Fiberglass Tanks (up to mdl 250)
- Seamless Brine Tanks
- Safety Overflow System
- Dry Salt-Grid System
- Mechanical Meter - Metered Water Usage

#### Optional Features:

- Heavy Insulated Tank Cover\*
- 3/4" Lever By pass (3/4" Meter)
- 1" Lever By pass (3/4" Meter)

Choice of Brine Tanks

Type	Shape	Dimensions	Amt Salt	Models
Compact	Square	11" x 36"	150 Lb	100-150
Space Saver	Rectangl	15" x 17"	240 Lb	100-150
Short Stand	Round	18" x 33"	240 Lb	100-200
Standard	Round	18" x 40"	320 lb	100-250
Commercial	Round	24" x 50"	800 lb	300-400

## PRODUCT SPECIFICATIONS

Model No.	Media Cubic Ft.	Grains of Capacity			Cont FR 15 psi drop	Peak FR 25 psi drop	Media Tank Dia X Ht.	Iron Reduction**	Pipe Con. Size	Max Drain Flow gpm	Drain Size	Distributor Type	Brine Line Size
		15 lb / cu ft	8 lb / cu ft	6 lb / cu ft									
100STD	1.0	32000	24000	21000	9 gpm	13 gpm	9 x 48	3 ppm	1" or 3/4"	2.0 gpm	5/8"	1" Basket	3/8"
150STD	1.5	48000	36000	31500	10 gpm	14 gpm	10 x 54	3 ppm	1" or 3/4"	2.4 gpm	5/8"	1" Basket	3/8"
200STD	2.0	64000	48000	42000	12 gpm	16 gpm	12 x 52	3 ppm	1" or 3/4"	3.0 gpm	5/8"	1" Basket	3/8"
250STD	2.5	80000	60000	52500	14 gpm	18 gpm	13 x 54	3 ppm	1" or 3/4"	4.0 gpm	5/8"	1" Basket	3/8"

Model No. Preceded by 9100TW

\*\*Iron in solution, iron reduction can vary depending on exact iron chemistry, pH, and other water conditions

## ADDITIONAL OPERATING INFORMATION

Not intended to be used to treat water that is Microbiologically unsafe or of unknown quality. Installation must comply with all state and local codes. To sanitize system after installation or service add household bleach to brine tank (1cup/cu. ft.). WARNING: Do not add chlorine bleach to brine tanks containing iron removing salt.

Operating Water Temperature Range  
 Operating Ambient Temperature Range  
 Operating Pressure Range  
 UL approved electrical components

Max 100°  
 Max 120°  
 Max 125 psi  
 Minimum 35°  
 Minimum 35°  
 Minimum 20 psi  
 110v - 60 hz



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