

NOVATEK®

WATER SOFTENERS





• Partnering with Professionals for Quality Water •



The *Novatek* water conditioning program was developed specifically with the plumbing professional in mind. Providing the right products, training and support, the *Novatek* Program allows plumbing professionals to easily integrate water treatment into their business – taking advantage of additional opportunities to expand their sales. *Novatek* products are exclusively distributed through wholesalers across North America. *Novatek* products are manufactured, marketed and distributed by WaterGroup.

With a history dating back to 1932, WaterGroup is a proven leader in the water treatment industry. Product development, design engineering and manufacturing of most core items are all in-house. With over 250,000 square feet of manufacturing capacity, four major distribution facilities and several bonded warehouses – all in North America.

WaterGroup is one of the continent's largest manufacturers of water treatment equipment. Economies of scale, combined with high-efficiency operations help trim costs and deliver exceptional value throughout the entire product line.

The *Novatek* water conditioning program was developed to provide you with the support you need to succeed. *Novatek* field representatives are fully trained to understand and respond to the real needs of plumbing professionals – from complete product and application training to sales literature and advertising materials.

Our Commercial Engineering Application Center provides comprehensive support for application, selection and after sale service of more challenging commercial projects and our Customer Service Department combines over 100 years of experience to make sure help is only one phone call away. Our website is designed to provide instant access to things you need in a hurry – from product manuals to sales literature.

Soft Water - What is It?

The purest and "softest water" is the vapor found in clouds. Then, falling as rain or snow, water flows over and seeps into the earth, absorbing calcium, magnesium, iron and chloride salts, as it makes its way to our wells and reservoirs. This mineral content is what makes water "hard".

As water flows through a water conditioner, the calcium and magnesium are removed by an ion exchange process and it is once again as "soft" as its original form.

Free Water Analysis

If you're not sure about the quality of your water, your Novatek representative will be happy to analyze a sample of your water and make the appropriate recommendations at no charge and with no obligation to you.

Look Your Best

With soft water, dryness and itchiness give way to soft, supple skin and hair becomes shiny and silky. Even shaving is softer and smoother.

Cleaner, Softer Clothes

In hard water, abrasive minerals and undissolved detergents cling to and mat fabrics, leaving them rough and dingy. Soft water is gentler on fabrics and natural fibers, clothes rinse cleaner and brighter, free of soap and mineral residue.

Save Hard Cash

Soft water actually saves you money because you'll be able to eliminate many cleaning agents and detergents . . . and you'll use dramatically less soap and shampoo to create a soft sudsy lather. Without scale build-up, your water heater will use up to 29% less energy.

Protect Your Valuable Investments

As hard water is heated, minerals precipitate forming a scale that damages appliances. Soft water will protect your dishwasher, washing machine, water-heater, kettle, coffee maker and plumbing.

Less Work, More Sparkle

Without abrasive minerals and "soap curd" you'll enjoy spot-free glasses, cutlery and dishes. And you'll have glistening tubs, shower doors, sinks and fixtures with a lot less work.



Enjoy efficiency and economy. . . **Metermatic SE Water Conditioner**

The Metermatic SE combines a simplified electronic control with a solid state microprocessor which monitors your water use, regenerating only when necessary. This, in conjunction with counter-current regeneration enables Metermatic SE to operate using up to 50% less salt than conventional calendar clock conditioners.



- Exclusive *Novatek* composite electronic meter control valve with a **7 year guarantee**
- Heavy duty cabinets, brine tanks and mineral tanks with a **lifetime guarantee**
- Exclusive SE turbine meter accurately and efficiently monitors water usage
- LED displays time of day, remaining capacity and regeneration cycle in progress
- Microprocessor retains information and settings indefinitely
- User friendly push button controls
- Counter-current regeneration and high efficiency brining system yield maximum capacity per pound of salt
- Soft water refill improves brine efficiency
- Bypass valve for ease of installation and service
- Brine safety valve provides extra overflow protection
- Tank jacket reduces condensation (9" and 10" twin tank models)
- 115 volt to 24 volt transformer included

The practical soft water solution. . . **Citation Water Conditioner**

The *Novatek* Citation is a refinement of technology proven and tested for three decades in thousands of applications.



- Exclusive *Novatek* composite 12 day calendar clock control valve with a **7 year guarantee**
- Heavy duty cabinets, brine tanks and mineral tanks with a **lifetime guarantee**
- Counter-current regeneration and high efficiency brining system yield maximum capacity per pound of salt
- Soft water refill improves brine efficiency
- Bypass valve for ease of installation and service
- Brine safety valve provides extra overflow protection
- Tank jacket reduces condensation (9" and 10" twin tank models)

(Not available in Canada)

Make your life a little softer. . . **Metermatic Water Conditioner**

Metermatic is designed for practicality of use, incorporating environmental and economic considerations. Metermatic features the exclusive *Novatek* demand regeneration control valve, counter-current regeneration and improved brine distribution. These features enable the Metermatic to provide conditioned water using up to 50% less salt than conventional calendar clock water conditioners. Metermatic is kinder to the environment and saves you money.



- Exclusive *Novatek* composite meter control valve with a **7 year guarantee**
- Heavy duty cabinets, brine tanks and mineral tanks with a **lifetime guarantee**
- Counter-current regeneration and high efficiency brining system results in maximum capacity per pound of salt
- Soft water refill improves brine efficiency
- Bypass valve for ease of installation and service
- Brine safety valve provides extra overflow protection
- Tank jacket reduces condensation (9" and 10" twin tank models)

Continuous conditioned water service. . . **9100SXT TMI Water Conditioner**

For residential applications where extreme hardness conditions exist, conditioned water demands are unusually high or a continuous 24 hour supply of conditioned water is required, *Novatek* 9100SXT TMI is the ideal solution.



Most water conditioners deliver hard water during regeneration. 9100SXT TMI overcomes this problem by using two tanks containing ion exchange resin, unlike ordinary conditioners which use only one. As the capacity of one tank is depleted, the control valve automatically diverts the water supply to the reserve tank and conditioned water service is maintained. The depleted tank is regenerated and becomes the reserve.

- Adjustable five cycle composite electronic control with a **7 year guarantee**
- Heavy duty brine tanks and mineral tanks with a **lifetime guarantee**
- Provides uninterrupted 24 hour continuous supply of conditioned water
- Bright LED display alternates between time of day, volume of soft water remaining and tank in service
- Timed brine refill with brine safety valve provides assurance of accurate brine level and salt use
- Soft water refill improves brine efficiency
- Bypass valve included for ease of installation and service
- 115 volt to 24 volt transformer included

Specifications

Model No.	Capacity Grains			Flow Rate		Resin Tank Size Inches	Total Resin Cu Ft	Cabinet/Brine Tank Size Inches W x D X H	Salt Capacity Lbs	Shipping Weight Lbs
	@10 lbs per cu.ft.	Factory set @ 6 lbs per cu.ft.	@3 lbs per cu.ft.	Service USGPM	Backwash USGPM					
Metermatic SE										
NC24SE*	21,400	16,200	11,600	8	1.5	9 x 35	0.75	14 x 22 x 42	250	90
NC32SE*	30,000	23,000	16,000	9	2	10 x 35	1.0	14 x 22 x 42	240	105
NT24SE	21,400	16,200	11,600	8	1.5	9 x 35	0.75	18 x 35	224	85
NT32SE	30,000	23,000	16,000	9	2	10 x 35	1.0	18 x 35	224	100
NT40SE*	37,500	28,750	20,000	9	2	10 x 47	1.25	21 x 36	308	140
NT64SE*	60,000	46,000	32,000	12	3	12 x 52	2.0	21 x 36	308	190
NT96SE*	90,000	69,000	48,000	15	4	14 x 65	3.0	21 x 36	308	230
Metermatic										
NC24MI*	21,400	16,200	11,600	8	1.5	9 x 35	0.75	14 x 22 x 42	250	90
NC32MI*	30,000	23,000	16,000	9	2	10 x 35	1.0	14 x 22 x 42	240	105
NT24MI	21,400	16,200	11,600	8	1.5	9 x 35	0.75	18 x 35	224	85
NT32MI	30,000	23,000	16,000	9	2	10 x 35	1.0	18 x 35	224	100
NT40MI*	37,500	28,750	20,000	9	2	10 x 47	1.25	21 x 36	308	140
NT64MI*	60,000	46,000	32,000	12	3	12 x 52	2.0	21 x 36	308	190
NT96MI*	90,000	69,000	48,000	15	4	14 x 65	3.0	21 x 36	308	230
Citation (not available in Canada)										
NC24CC*	21,400	16,200	11,600	8	1.5	9 x 35	0.75	14 x 22 x 42	250	90
NC32CC*	30,000	23,000	16,000	9	2	10 x 35	1.0	14 x 22 x 42	240	105
NT24CC	21,400	16,200	11,600	8	1.5	9 x 35	0.75	18 x 35	224	85
NT32CC	30,000	23,000	16,000	9	2	10 x 35	1.0	18 x 35	224	100
NT40CC*	37,500	28,750	20,000	9	2	10 x 47	1.25	21 x 36	308	140
NT64CC*	60,000	46,000	32,000	12	3	12 x 52	2.0	21 x 36	308	190
NT96CC*	90,000	69,000	48,000	15	4	14 x 65	3.0	21 x 36	308	230
9100SXT TMI										
NT32TM, 9100SXT	60,000	46,000	32,000	10	2	10 x 35	2.0	18 x 35	224	195
NT40TM,* 9100SXT	75,000	57,500	40,000	11	2	10 x 47	2.5	21 x 36	308	221
NT48TM,* 9100SXT	90,000	69,000	48,000	14	2	10 x 54	3.0	21 x 36	308	320

*Items include brine tank grid

NC indicates cabinet model, NT indicates twin tank model

Maximum Water Temperature = 110°F (43°C)

Maximum Operating Pressure = 100 PSIG (689 kPa)

Voltage = 115 volts standard

Pipe Size = 3/4"

- At the stated service flow rates, the pressure drop through these devices will not exceed 15 psig.
- Changing salt settings from factory setting may require changing injector sizes to achieve stated capacities.
- Do not use where water is microbiologically unsafe.
- The manufacturer reserves the right to make product improvements which may deviate from the specifications and descriptions stated herein, without obligation to change previously manufactured products or to note the change.

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