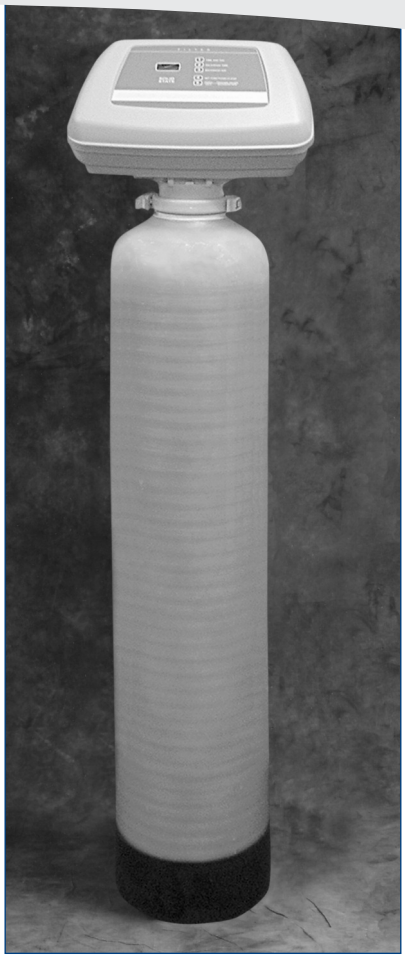
North Star®
WATER CONDITIONING

The Professionals' Choice

Water Filters (Taste & Odor, Sediment, and Acid Neutralizing)



NSTOFSSA
Taste & Odor Filter
To Remove Objectionable Tastes & Odors

Water is passed through a bed of activated carbon, trapping tastes and odors (not Hydrogen Sulfide). Occasionally, the system needs to be backwashed to flush any trapped particles from the system.

Activated carbon eventually loses its ability to trap tastes and odors, and the bed must be replaced. The carbon life is dependent on the amount of water used and the severity of the problem.

Specifications	
Type of Filtering Mineral	Activated Carbon
Recommended Limitation Level	Variable
Amount of Filtering Mineral	1.0 (Cu. Ft.)
Water Pressure Limits	20-125 (PSI)
Maximum Water Temperature	120 (F°)
Minimum Flow	270 (Gal. Per Hr.)
Pipe Size	1"
Electrical Rating	24V 60 Hz
Service Flow Rates*	14 GPM
Type of Backwash Process	Automatic

*At 10 PSI Pressure Drop

NSSFSSA
Sediment Filter
To Clear Up Dirty Or Cloudy Water

Water is passed through a bed of extremely hard, fine aggregate that traps dirt, sand, silt, and other particles. The backwashing is done automatically at pre-determined intervals, depending on the severity of the problem. The control allows the lengthening of the backwash time for severe problems. Backwashing flushes the sediment from the unit. The bed will never need replacing under normal operating conditions.

Specifications	
Type of Filtering Mineral	Filter Aggregate
Recommended Limitation Level	20 Microns
Amount of Filtering Mineral	1.0 (Cu. Ft.)
Water Pressure Limits	20-125 (PSI)
Maximum Water Temperature	120 (F°)
Minimum Flow	270 (Gal. Per Hr.)
Pipe Size	1"
Electrical Rating	24V 60 Hz
Service Flow Rates*	10 GPM
Type of Backwash Process	Automatic

*At 10 PSI Pressure Drop

NSANSSA
Neutralizer Filter
To Neutralize Acid Water Conditions

(Controls the etching and blue-green stains on fixtures, glasses, etc.)

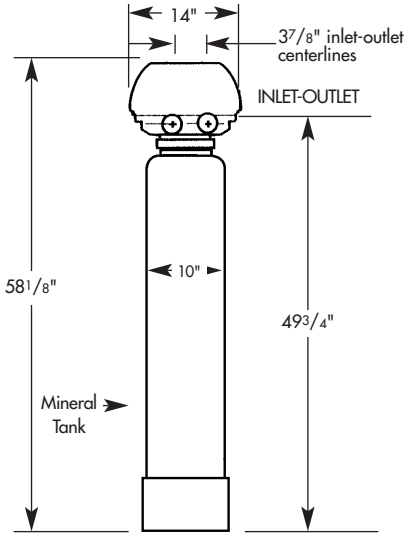
The neutralizing tank filter contains an acid neutralizing compound that slowly dissolves as the water passes through it, raising the pH of the water toward neutral (or 7 on the pH scale.)

Since the neutralizing compound dissolves in the water to correct the problem, you must periodically add new compound to the tank. The frequency of adding the compound depends on the severity of the problem and the water use.

Specifications	
Type of Filtering Mineral	Neutralite/ Magnesium Oxide
Recommended Limitation Level	6.0-6.8
Amount of Filtering Mineral	1.0 (Cu. Ft.)
Water Pressure Limits	20-125 (PSI)
Maximum Water Temperature	120 (F°)
Minimum Flow	270 (Gal. Per Hr.)
Pipe Size	1"
Electrical Rating	24V 60 Hz
Service Flow Rates*	12 GPM
Type of Backwash Process	Automatic

*At 10 PSI Pressure Drop

Dimensions



Nominal mineral tank size: 10" x 47"

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