

# Supernova

## Whole House Water Treatment System

### Maintenance Free Five Level Conditioner

#### Premium Water Filtration

The Supernova treatment system is effective for dissolving and preventing scale, inhibiting corrosion, as well as reducing chlorine, chloramines, and chlorination by-products from your household water.

- No more bad taste and smell associated with chlorine by-products.
- No salt, no chemicals, no on-going consumables.
- No more scale buildup from hard water deposits and helps remove existing scale.
- Only the best, premium grade medias.
- Five layer filtering leaves you with clean water, for peace of mind.

#### System Capacities

##### 1 CuFt

1,000,000 gallons lifetime capacity, up to 6 GPM, for a family of four. This system will last about 10 years.

##### 1.5 CuFt

1,500,000 gallons lifetime capacity, up to 9 GPM, for a family of six. This system will last about 10 years.

##### 2 CuFt

2,000,000 gallons lifetime capacity, up to 12 GPM, for a family of six. This system will last about 10 years.

*Depends on water usage and water quality conditions. Not intended for microbiologically unsafe or unknown water quality. Disinfection may be required. This system is intended for treatment of municipal water, any other application requires a water quality analysis for best results.*

#### System Specifications

System	Tank Size	Weight	Height	Width	Depth	Inlet/Outlet
SN100	9" X 48"	74lbs	55"	9"	9"	1"
SN150	10" X 54"	93lbs	61"	10"	10"	1"
SN200	12" X 52"	121lbs	59"	12"	12"	1"

*Do not exceed 80 psi. Intended for residential use only.*



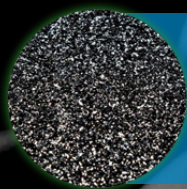
# Supernova

## Whole House Scale and Contaminant Removal

### Five Levels of Water Filtration

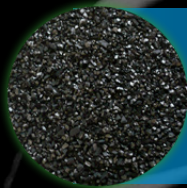


**Clack Backwash Control Valve:** This valve is high quality and reliable, comes fully programmed, and ready for installation. Automatic, high efficiency, reduces waste water by 30%, and with a battery back up won't lose programming, all the features you need.



#### Level 1: Granular Activated Carbon

This NSF Certified acid washed GAC removes chlorine, gases, heavy metals, odors, tastes, dyes, fuels, pollutants, disinfectants, pesticides, TTHM, sodium chloride, and volatile organic contaminants (VOC).



#### Level 2: Premium Catalytic High Activated Carbon

Premium quality HAC carbon reduces remaining chlorine and chloramines, removing taste and odor, giving long lasting fresh water. This media filters a wide range of PH levels and adds a final polish to the filtered water.



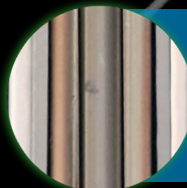
#### Level 3: Katalox Light

A light weight media that removes iron, lead, manganese, arsenic, hydrogen sulfide, and heavy metals. Also filters out particles as small as 3 microns and saves on backwash water.



#### Level 4: High Density Garnet Media

High hardness, high density filter media, effectively filters and provides a high quality media bed for this system.



#### Level 5: Multi-field Core Chamber

NSF approved magnetic water conditioner prevents lime scale build-up and inhibits corrosion without chemicals making it eco-friendly.

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The Supernova is a highly effective and eco-friendly, whole house water treatment system. The Supernova uses a multi-pole, multi-field, permanent magnetic water conditioner to affect the "ionic charge identity" of the CaCo and MgCo, making them remain suspended in the water rather than precipitate out as hard water scale.