



KEY SPECIFICATIONS

Valve Flow Rate	28 GPM
System Flow Rate	27 GPM
Grain Capacity	48,000 Grain
Resin Volume	1.5 cu ft
Carbon Media	0.5 cu ft
Tank Size	10" × 54"
Brine Tank	15" × 35"
Distributor Tube	1.25"

Freshline Large Whole-Home Complete Filtration and Water Softener

Whole-Home Softener & Carbon Filtration System

Coconut shell carbon media • 1.25" distributor tube • PFAS/chloramine reduction
Freshline Water • 631-856-5995 • freshlinewater.com

NSF/ANSI 44

NSF/ANSI 42

ANSI 61

Lifetime Tank

PERFORMANCE SPECIFICATIONS

Valve Flow Rate	28 GPM
System Service Flow Rate	27 GPM
Softening Capacity	48,000 Grains
Resin Volume	1.5 cu ft
Resin Type	USA Made High-Capacity Softening Resin — ResinTech, NJ
Carbon Media Volume	0.5 cu ft
Carbon Media Type	Granular Activated Coconut Shell Carbon
Bypass Size	1"
Port Connections	1" NPT Elbows (Included)
Distributor Tube	1.25" High-Flow

TANK & PHYSICAL SPECIFICATIONS

Media Tank Size (D×H)	10" × 54"
Brine / Salt Tank	15" × 35" Square
Shipping Weight — System	~125 lbs
Shipping Weight — Brine	17 lbs

OPERATIONAL REQUIREMENTS

Operating Pressure	30 – 125 PSI
Water Temperature	40° – 110°F (4° – 43°C)
Electrical	120V / 60Hz — 12V 650mA
Inlet Turbidity	<5 FTU
Service Flow	27 GPM @ 15 psi pressure drop
Backwash Flow	3.0 gal/min

SYSTEM FEATURES

- **Coconut Shell Carbon:**
Certified to reduce chlorine, chloramines, THMs, PFAS/PFOA/PFOS, VOCs, pesticides, herbicides, H2S, benzene, toluene, xylene, and heavy metals.
- **1.25" Distributor Tube:**
Larger bore reduces pressure drop and improves flow — key differentiator over standard installs.
- **Demand-Initiated Regen:**
Calculates exact brine needed per cycle. Saves up to 30% more salt vs. standard downflow systems.
- **Bypass Valve Included:**
Full-flow bypass allows service without interrupting household water supply.
- **USA Made High-Capacity Resin:**
10% crosslinked ion exchange resin from ResinTech, NJ. Superior chlorine and oxidation resistance.
- **Hanskraft Ceramic ProValve:**
Patented ceramic discs resist abrasion and corrosion. 72-hour memory backup. 5-year warranty.
- **Polishing Gravel:**
Supports resin for optimal water flow and efficiency. Prevents channeling for even water distribution.

COMPONENT SOURCING & CERTIFICATIONS

Control Valve	Hanskraft Ceramic ProValve
Softening Resin	USA Made High-Capacity — ResinTech, NJ
Carbon Media	Granular Activated Coconut Shell — USA Made
Regeneration	Upflow counter-current demand-initiated
Certification	NSF/ANSI 44, NSF/ANSI 42 • ANSI 61
Tank Warranty	Lifetime — All Pressure Tanks
Valve Warranty	5 Years — Hanskraft Ceramic ProValve
Installation	Professional installation included — Freshline Water
Service Area	Nassau & Suffolk Counties, Long Island, NY