

Water Softener & Whole Home Carbon Filter

1" Porting, High-Efficiency, Reduces Bad Taste & Odor

Ideal for households on municipal water, the 189UFHTO combines high-efficiency, high-flow water softening with whole home carbon filtration. Third-party certified to provide soft water while reducing bad taste and odor caused by chlorine and chloramines.

KEY FEATURES

UPFLOW REGENERATION: Saves salt by preserving the unused portion of the softening bed from unnecessary ion exchange.

PRECISION BRINING: Calculates the exact amount of brine required to regenerate, using up to 30% less salt.

AUTOMATIC SYSTEM REFRESH: If no water is used for seven (7) days, the system will perform an automatic refresh to prevent bacteria growth.

BACKWASH FREQUENCY PRESET: Save up to 2,000 gallons of water per year by skipping up to ten (10) backwash cycles on clean municipal water supply.

SOFT WATER BRINE TANK REFILL: Keeps tank & injectors clean.

SOFT WATER RECHARGE: If capacity goes below 3%, an automatic 15-minute recharge restores softening until the next regeneration.

TANK FEATURES: Brine tank with safety float, air check and injection molded brine grid to reduce bridging. Moisture wicking neoprene tank jacket included with all pressure tanks.

VALVE FEATURES

TRUE 1" PORTING
For high-flow applications.

1" 90-DEGREE ELBOWS
Included for easy installation.

TIMESAIVING QUICK CONNECT FITTINGS
Quick connect fittings on bypass, drain line (10' included), brine line and power cord. Bypass included.

FOUR LINE TOUCH PAD LCD DISPLAY
No-touch rotating information display. Just set the time, date, and hardness.

48-HOUR PROGRAMMING MEMORY Automatic programming restore for up to 48 hours during power loss.

TANKMATE™ Unique design sends water through both the carbon and resin tanks in a single pass.



CONTROL VALVE



PRESSURE TANK



97% CHLORINE REMOVAL FOR OVER 1,100,000 GALLONS*

*Based on model: WG189UFHTO-150.



IAPMO R&T Certified to NSF/ANSI 44, 372 and CSA B483.1.



IAPMO R&T Certified to NSF/ANSI 372 and 42 for Chlorine Reduction

Technical Specifications

QUICK LINKS



Homeowner's Manual



Installation Guide



Maintenance Guide



Trouble Shooting Guide



Parts Breakdown



Programming Guide



Warranty Sheet

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

MODEL NUMBER	WG189UFHTO-100	WG189UFHTO-150	WG189UFHTO-200	WG189UFHTO-300
Item Number	82353-1	82354-1	82355-1	82356-1
Salt Used Per Regeneration	6.0 lbs	9.0 lbs	12.0 lbs	18.0 lbs
Water Used Per Regeneration	86.4 gal	148.0 gal	162.4 gal	224.8 gal
Hardness Removal (Grains)	25,000	37,500	50,000	75,000
Tank #1 Carbon Quantity (Cubic Feet)	1.0 ft ³	1.50 ft ³	2.0 ft ³	3.0 ft ³
Tank #2 Resin Quantity (Cubic Feet)	1.0 ft ³	1.50 ft ³	2.0 ft ³	3.0 ft ³
Pressure Tank Size (inches)	9 x 48	10 x 54	12 x 52	14 x 65
Media Loaded	Yes	Yes	Yes	No
Salt Storage Capacity	270 lbs	270 lbs	350 lbs	420 lbs
Flow Rate @ 15 psi Pressure Drop	7.2 US gpm	7.4 US gpm	9.0 US gpm	9.2 US gpm
Flow Rate @ 25 psi Pressure Drop	10.0 US gpm	10.1 US gpm	11.9 US gpm	12.1 US gpm
Backwash Flow Rate	5.0 US gpm	5.0 US gpm	7.0 US gpm	10.0 US gpm
Shipping Weight	167 lbs	218 lbs	278 lbs	425 lbs
Regeneration Type	UPFLOW (COUNTER CURRENT)			
Plumbing Connections	INCLUDES 1" 90° NPT ELBOWS			
Resin Type	AQUAFINE® 8% CATION EXCHANGE RESIN			
Carbon Type	AQUAFINE® CATALYTIC CARBON			
Electrical Requirements	INPUT 120V 60 Hz - OUTPUT 12V 650mA			
Water Temperature Limits	MIN 40° - MAX 110° F (4° - 43° C)			
Water Pressure Limits	MIN 30 - MAX 125 PSI (207 - 862 KPA)			

DIMENSIONS

WG 189UFHTO	100	150	200	300
TANK/VALVE A x B (inches)	60 x 23	66 x 24	64 x 26	78 x 34
BRINE TANK C x D (inches)	18.1 x 34.5	18.1 x 34.5	20.3 x 37.4	23.0 x 40.5

