

Water Softener & Whole Home Carbon Filter

High-Flow, High-Efficiency, Reduces Bad Taste & Odor

Ideal for households on municipal water, the 485UFHTO 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

WHOLE HOME CHLORINE REDUCTION:

IAPMO certified for chlorine reduction. AquaFine® catalytic carbon reduces chlorine, chloramines and chlorine by-products such as chloroform and other trihalomethanes (THMs).

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.

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 on all pressure tanks.

VALVE FEATURES

UNIQUE BYPASS DESIGN

Integrated turbine meter saves space, eliminates connections and is more durable.

TIMESAVING QUICK CONNECT FITTINGS & PRE-INSTALLED BYPASS

Quick connect fittings on bypass, drain line (10' included), brine line and power cord.

BACKLIT LCD DISPLAY

"No Touch" display rotates key information including last regeneration date and volume remaining.

USER-FRIENDLY PROGRAMMING

Just set the time, date, number of people 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: WG185UFHTO-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	WG185UFHTO-100	WG185UFHTO-150	WG185UFHTO-200	WG185UFHTO-300
Item Number	82188-1	82189-1	82190-1	82191-1
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	4.0 US gpm	5.0 US gpm	7.0 US gpm	11.0 US gpm
Shipping Weight	167 lbs	218 lbs	278 lbs	425 lbs
Regeneration Type	UPFLOW (COUNTER CURRENT)			
Plumbing Connections	INCLUDES 3/4" 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 185UFHTO	100	150	200	300
TANK/VALVE A x B (inches)	56.25 x 22.75	62.5 x 23.25	60.75 x 24.5	74.5 x 33.25
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



WaterGroup®
Professional Treatment Solutions

A DIVISION OF
Canature
WaterGroup

Water
Quality
Association

CWQA
Canadian Water Quality Association

ICPHA
Canadian Institute
of Plumbing & Heating

PHCC
PLUMBING-HEATING-COOLING
CONTRACTORS ASSOCIATION
Best People. Best Practices.