WaterGroup®
Professional Treatment Solutions

WG189UF SPECIFICATION SHEET

Water Softener

1" Porting, High-Efficiency, Advanced Technology

The WaterGroup 189UF delivers high-efficiency performance with true 1" porting. Third-party certified to provide luxuriously soft water, enjoy advanced technology and features while using less salt and water.

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.

WARRANTY 7 yr WARRANTY
CONTROL VALVE

WARRANTY LIFETIME WARRANTY
PRESSURE TANK

VALVE FEATURES

TRUE 1" PORTING For high-flow applications.

1" 90-DEGREE ELBOWS Included for easy installation.

TIMESAVING QUICK CONNECT FITTINGS & PRE-INSTALLED BYPASS Quick connect fittings on bypass, drain line (10' included), brine line and power cord.

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

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.

USES UP TO 75% LESS SALT & 64% LESS WATER

LEAD FREE UPC C ®

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

NSF COMPONENT

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	WG189UF-100	WG189UF-150	WG189UF-200	WG189UF-300*
Item Number	82281	82282	82283	82284
SYSTEM CAPACITY GRAINS				
@ 10 lbs / Cubic Feet	30,000	45,000	60,000	90,000
@ 6 lbs / Cubic Feet (Factory Setting)	**25,000**	**37,500**	**50,000**	**75,000**
@ 3 lbs / Cubic Feet	15,000	22,500	30,000	45,000
REGENERATION WATER USAGE (GALLONS)				
Clean Water (Factory Setting)	43.4 gal	62.7 gal	87.1 gal	139.2 gal
Problem Water	64.3 gal	90.3 gal	124.6 gal	196.2 gal
Resin Quantity (Cubic Feet)	1.0 ft^3	1.5 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	11.0 US gpm	11.2 US gpm	12.2 US gpm	12.6 US gpm
Flow Rate @ 25 psi Pressure Drop	15.0 US gpm	15.1 US gpm	16.2 US gpm	16.6 US gpm
Backwash Flow Rate	2.0 US gpm	2.5 US gpm	3.5 US gpm	5.0 US gpm
Shipping Weight	102 lbs	134 lbs	169 lbs	279 lbs
Regeneration Type	UPFLOW (COUNTER CURRENT)			
Plumbing Connections	INCLUDES 1" 90° NPT ELBOWS			
Resin Type	AQUAFINE® 8% CATION EXCHANGE RESIN			
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)			

*DUE TO WEIGHT, THESE SYSTEMS COME UNLOADED. MEDIA COMES PREMEASURED. ALL ABOVE ASSEMBLED UNITS SUPPLIED WITH BYPASS, BRINE TANK SAFETY FLOAT AND AIR CHECK.

DIMENSIONS

WG189UF	100	150	200	300
TANK/VALVE A x B (inches)	56.25 x 9.0	62.25 x 10.0	60.5 x 12.0	74.25 x 14.0
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