H-151 SERIES™

WATER CONDITIONING SYSTEM

System Applications

- Agriculture
- Apartment Buildings
- Boiler Water Treatment
- Car Washes
- Commercial Buildings
- Condominiums
- Dairies
- Factories
- Hospitals
- Homes
- Laundries
- Mobile Home Parks
- Motels and Hotels
- Nursing and Rest Homes
- Office Buildings
- Restaurants
- Schools

The H151 Control is User Friendly and Reliable.

- **Modular Design**
- **Non-Corrosive Internals**
- **Lead Free Brass Valve[1]**
- **One Piece Stack Assembly**
- **Piston Operated**
- **Disassemble and Reassemble in Minutes**

[1]H151 Valve Bodies have an NSF Approved Food Grade Electro-Deposited Epoxy Coating to Protect Against Corrosion

Hellenbrand®

What's In Your Water?™

H-151 SERIES™

WATER CONDITIONING SYSTEM

Going Green

Brine Reclaim – The H151 standard electronic package is capable of reclaiming up to 30% of the salt used in regeneration for the next regeneration. Salt savings will vary depending on the lbs. of salt per cubic foot of resin used to regenerate. A brine reclaim kit is required for this option.

Water Reclaim – The H151 standard electronic package is capable of reclaiming much of the water used to regenerate the water softener and re-use that water to flush toilets. This water is typically soft and is free of the salt/brine discharge which is diverted to your standard drain/waste system. A water reclaim kit is required for this option.

H151 Features, Benefits and Options

- 1.50" Inlet & Outlet provide higher service flows with less pressure drop
- 1.50" Distributor Pilot
- 12-Volt Operation AC or DC
- Electronic Meter Demand with Calendar Day Override
- Scrolling User Screen shows capacity remaining, time of day and flow rate
- 12-Volt Relay Driver allows multiple dry contact signals
- Service Interval Screen reminds you to call for preventative maintenance service
- Differential Pressure Switch Capability
- Fully Programmable Cycle Position and Times
- Nine Cycle Control
- Soft Water Brine Tank Re-Fill
- Multiple Backwash and Rinse Capabilities
- Quiet Operation
- Variable Reserve automatically adjusts to changing water usage patterns.
- Several programming options including: variable reserve, fixed reserve, calendar day override, delayed or immediate regeneration.
- Diagnostics
  - –Days since last regeneration
  - –Gallons since last regeneration
  - –Gallon reserve capacity last 7 days
  - –63 Days history of daily totals usage
  - –Maximum flow rate for the last seven days
  - –Total number of regenerations
  - –Total days in service
  - –Total gallons processed
- Permanent memory backup of all programming
- 2-1/2 years Time of Day Backup
- Uses less than $2 of electricity per year

System Designs Options
Single
Parallel Operation
Twin Alternating
Demand Recall - Up to six units
No Raw Water Bypass
Alternate Source Regeneration

Meter Accuracy
1.5” Meter 0.5 – 75 gpm
Accuracy: ±5%

Specifications

DEMAND MODEL NAME	MINERAL CU. FT.	LOW SALT GRAINS/LBS.	CAPACITY MED. SALT GRAINS/LBS.	HIGH SALT GRAINS/LBS.	FLOW RATE @ 15 PSI	PEAK FLOW RATE @ 25 PSI	BACK WASH RATE GPM	MINERAL TANK (INCHES)	BRINE TANK[1]	
									TANK SIZE (INCHES)	SALT STORAGE (POUNDS)
H151-60	2	38,000/12	56,000/20	64,000/30	35	45	4.2	1354	18x40	330
H151-90	3	57,000/18	84,000/30	96,000/45	35	46	4.2	1465	18x40	300
H151-120	4	76,000/24	112,000/40	128,000/60	40	51	5.3	1665	24x41	640
H151-150	5	95,000/30	140,000/50	160,000/75	44	57	7.5	1865	24x50	750
H151-150-21	5	95,000/30	140,000/50	160,000/75	52	67	9.0	2162	24x50	750
H151-180	6	114,000/36	168,000/60	192,000/90	43	56	7.5	1865	24x50	750
H151-180-21	6	114,000/36	168,000/60	192,000/90	51	65	9.0	2162	24x50	750
H151-210	7	133,000/42	196,000/70	224,000/105	50	64	9.0	2162	24x50	710
H151-240	8	152,000/48	224,000/80	256,000/120	55	71	13.0	2472	24x50	680
H151-270	9	171,000/54	252,000/90	288,000/135	54	69	13.0	2472	24x50	1200
H151-300	10	190,000/60	280,000/100	320,000/150	53	68	13.0	2472	24x50	1100
H151-300-30	10	190,000/60	280,000/100	320,000/150	60	78	20.0	3072	24x50	1100
H151-450	15	285,000/90	420,000/150	480,000/225	58	75	20.0	3072	30x50	2000

[1]Suggested brine tank size with grid plate option. Product improvement designs are subject to change without notice.
Refer to Hellenbrand Bulletin 2050 “Flow Rates and Soft Water Quality (Hardness Leakage) if your application requires that levels of hardness leakage do not exceed “x”.

DEALER NAME:

Hellenbrand, Inc.
404 Moravian Valley Road
Waunakee, WI 53597
www.hellenbrand.com

MEMBER Water Quality ASSOCIATION

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