

Hellenbrand

Water Softening

H151 Series

SOFT WATER YOU CAN DEPEND ON



H-151 SERIES™
WATER CONDITIONING SYSTEM



System for Automatic Discharge Management - U.S. Patent No. 9,862,619
Method of Water Discharge Management - U.S. Patent No. 9,346,689 B2



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.

System Applications

- Agriculture and dairies
- Apartment buildings
- Boiler water treatment
- Car washes
- Commercial buildings
- Condominiums
- Factories and hospitals
- Homes and laundries
- Mobile home parks
- Motels and hotels
- Nursing and rest homes
- Office buildings
- Restaurants and schools

User Friendly and Reliable

- Modular design with non-corrosive internals
- Lead free brass valve
- Piston operated
- One piece stack assembly
- Disassemble and reassemble in minutes

Specifications

DEMAND MODEL NAME	MINERAL CU. FT.	CAPACITY			FLOW RATE @ 15 PSI	PEAK FLOW RATE @ 25 PSI	BACKWASH RATE GPM	MINERAL TANK (INCHES)	BRINE TANK ¹	
		LOW SALT GRAINS/LBS.	MED. SALT GRAINS/LBS.	HIGH SALT GRAINS/LBS.					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	52	5.3	1665	24x50	800
H151-150	5	95,000/30	140,000/50	160,000/75	44	57	7.5	1865	24x50	800
H151-150-21	5	95,000/30	140,000/50	160,000/75	52	67	9.0	2162	24x50	800
H151-180	6	114,000/36	168,000/60	192,000/90	43	56	7.5	1865	24x50	800
H151-180-21	6	114,000/36	168,000/60	192,000/90	51	65	9.0	2162	24x50	800
H151-210	7	160,482/42	196,000/70	224,000/105	50	64	9.0	2162	24x50	750
H151-240	8	183,408/48	224,000/80	256,000/120	55	71	13.0	2472	24x50	700
H151-300	10	229,260/60	280,000/100	320,000/150	53	68	13.0	2472	24x50	640
H151-300-30	10	229,260/60	280,000/100	320,000/150	60	78	20.0	3072	24x50	640
H151-450	15	343,890/90	420,000/150	480,000/225	58	75	20.0	3072	30x50	1100

¹Suggested 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".

Features and Benefits

- 15-Volt DC operation
- Electronic meter demand with calendar day override
- Scrolling user screen shows capacity remaining, time of day and flow rate
- 12-Volt DC relay driver allows multiple dry contact signals
- Service interval screen reminds you to call for preventative maintenance service
- Fully programmable cycle position and times
- Nine cycle control with quiet operation
- Soft water brine tank re-fill
- Multiple backwash and rinse capabilities
- Variable reserve automatically adjusts to water usage
- Diagnostics for current & historical data
- Permanent memory backup of all programming
- 2-1/2 years time of day backup
- Uses less than \$2 of electricity per year

System Design Options

- Single
- Twin parallel
- Twin alternating
- Demand recall-up to 6 units
- Salt recycling
- No raw water bypass

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