

# H-151 SERIES™

## WATER CONDITIONING SYSTEM



### System Applications

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

### System Design Options

- Single
- Twin Parallel
- Twin Alternating
- Demand Recall - Up to six units
- Salt Recycling
- No Raw Water Bypass
- Separate Source Regeneration

### Features

- Demand Recall
- Daily Peak Flow Rate Displayed
- Alternate Fill

**Hellenbrand**<sup>®</sup>  
What's In Your Water?<sup>™</sup>

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WATER CONDITIONING SYSTEM



## Going Green

**Salt Recycling** – 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.



## 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 <sup>1</sup> |                       |
|-------------------|-----------------|----------------------|--------------------------------|-----------------------|--------------------|-------------------------|--------------------|-----------------------|-------------------------|-----------------------|
|                   |                 |                      |                                |                       |                    |                         |                    |                       | 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                  | 30x50                   | 1200                  |
| H151-300          | 10              | 190,000/60           | 280,000/100                    | 320,000/150           | 53                 | 68                      | 13.0               | 2472                  | 30x50                   | 1100                  |
| H151-300-30       | 10              | 190,000/60           | 280,000/100                    | 320,000/150           | 60                 | 78                      | 20.0               | 3072                  | 30x50                   | 1100                  |
| H151-450          | 15              | 285,000/90           | 420,000/150                    | 480,000/225           | 58                 | 75                      | 20.0               | 3072                  | 39x48                   | 2000                  |

<sup>1</sup>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".

## H151 Features, Benefits and Options

- 1.50" Inlet & Outlet provide higher service flows with less pressure drop
- 1.50" Distributor Pilot
- 12-Volt Operation
- Electronic Meter Demand with Calendar Day Override
- Scrolling User Screen shows capacity remaining, time of day and flow rate
- 12-Volt Relay Driver allows dry contact signal
- Service Interval Screen reminds you to call for preventative maintenance service
- Differential Pressure Switch
- Fully Programmable
- Nine Cycle Control
- Soft Water Brine Tank Re-Fill
- Double Backwash
- Quiet Operation
- 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
  - Maximum flow rate for the last seven days
  - Current flow rate
  - Total number of regenerations
- Permanent memory backup of all programming
- Uses less than \$2 of electricity per year

## H151 Control is User Friendly & Reliable

- Modular Design
- Non-Corrosive Internals
- Lead Free Brass Valve
- Piston Operated
- Disassemble and Reassemble in Minutes

DEALER NAME: