

# H-151 HE SERIES™

## HIGH EFFICIENCY 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

### High Efficiency System

The H151 HE water conditioning system uses a custom electronic package coupled with a proprietary resin to achieve hardness removal capacities up to 5000 grains per pound of salt consumed. This translates to a 40-60% savings over traditional configured regeneration systems.

**Hellenbrand**®

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## HIGH EFFICIENCY SYSTEM



### The H151 HE System is User Friendly and Reliable.

- Modular Design
- Non-Corrosive Valve Body & Internals
- One Piece Stack Assembly
- Piston Operated
- Disassemble and Reassemble in Minutes
- Upflow Proportional Brining for Single and Twin Alt Systems
- High Salt Efficiency/Low Chloride Discharge

**Water Reclaim** – The H151 HE 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 HE Specifications

DEMAND MODEL NAME	HIGH EFFICIENCY SALT SETTING 5000 GRAINS/LB.	LOW SALT SETTING 4800 GRAINS/LB.	SERVICE FLOW RATE @ 15 PSI	PEAK FLOW RATE @ 25 PSI	GALLONS USED PER REGEN	MINERAL TANK (INCHES)	BRINE TANK <sup>1</sup>	
							TANK SIZE (INCHES)	SALT STORAGE (POUNDS)
H151 HE-16	82,500	96,000	25	37	119	16x65	24x41	750
H151 HE-18	99,000	115,200	28	44	147	18x65	24x41	750
H151 HE-21	132,000	153,600	42	55	192	21x62	24x41	750
H151 HE-24	176,500	205,440	51	62	255	24x72	24x41	750
H151 HE-30	277,000	322,560	52	70	400	30x72	24x50	910

<sup>1</sup>Brine tank selection is for prefill with no grid.

## H151 HE 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%



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**DEALER NAME:**

