

# H-200M 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 H200M 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 H200M 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 H200M 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.

## H200M HE Features, Benefits and Options

- 2" Inlet & Outlet provide higher service flows with less pressure drop
- 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  
 2" Meter 1.5 – 150 gpm  
 Accuracy: ±5%

## H200M HE Specifications

Model #	H200M HE-16	H200M HE-18	H200M HE-21	H200M HE-24	H200M HE-30	H200M HE-36	H200M HE-42	H200M HE-48
Capacity	Grains	Grains	Grains	Grains	Grains	Grains	Grains	Grains
HE Salting (5000gr/lb)	82,500	99,000	132,000	176,500	277,000	395,000	528,000	643,500
Low Salting (4800gr/lb)	96,000	115,200	153,600	205,440	322,560	460,800	614,400	748,800
Service Flow Rates	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM
Service Flow @ 15 psi	30	34	55	70	75	82	90	93
Peak Flow @ 25 psi	44	53	73	86	101	106	113	121
Resin Tank Size	16x65	18x65	21x62	24x72	30x72	36x72	42x72	48x72
Recommended Brine Tank	24x41	24x41	24x41	24x41	30x50	39x48	39x48	39x48
Salt Storage	750	750	750	750	1400	2300	2300	2300

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



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