

H-200M SERIES™

WATER CONDITIONING SYSTEM



Water Management System - Patent Pending

- 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 H200M Control is User Friendly and Reliable.

- Modular Design
- Non-Corrosive Internals
- Lead Free Brass Valve¹
- One Piece Stack Assembly
- Piston Operated
- Disassemble and Reassemble in Minutes

¹H200M Valve Bodies have an NSF Approved Food Grade Electro-Deposited Epoxy Coating to Protect Against Corrosion

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Going Green

Brine Reclaim – The H200M 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.

Water Reclaim – The H200M 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 holding tank is installed to reclaim this water, along with a re-pressurization and disinfection system. A separate line is required to re-fill this tank when the reclaim water drops below a certain level between regenerations.



H200M Features and Benefits

- 2.0" Inlet & Outlet provides 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 – 60 gpm
2" Meter 1.5 – 150 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)
H200M-60	2	38,000/12	56,000/20	64,000/30	38	49	4.2	13x54	18x40	330
H200M-90	3	57,000/18	84,000/30	96,000/45	39	50	4.2	14x65	18x40	300
H200M-120	4	76,000/24	112,000/40	128,000/60	47	60	5.3	16x65	24x41	640
H200M-150	5	95,000/30	140,000/50	160,000/75	53	69	7.5	18x65	24x50	750
H200M-150-21	5	95,000/30	140,000/50	160,000/75	72	94	9.0	21x62	24x50	750
H200M-180	6	114,000/36	168,000/60	192,000/90	51	66	7.5	18x65	24x50	750
H200M-180-21	6	114,000/36	168,000/60	192,000/90	70	91	9.0	21x62	24x50	750
H200M-210	7	133,000/42	196,000/70	224,000/105	66	85	9.0	21x62	24x50	710
H200M-240	8	152,000/48	224,000/80	256,000/120	76	98	13.0	24x72	24x50	680
H200M-270	9	171,000/54	252,000/90	288,000/135	74	96	13.0	24x72	30x50	1110
H200M-300	10	190,000/60	280,000/100	320,000/150	73	94	13.0	24x72	30x50	1110
H200M-300-30	10	190,000/60	280,000/100	320,000/150	89	115	20.0	30x72	30x50	1110
H200M-450	15	285,000/90	420,000/150	480,000/225	84	109	20.0	30x72	39x48	2080
H200M-600	20	380,000/120	560,000/200	640,000/300	93	119	30.0	36x72	39x48	1640
H200M-750	25	475,000/150	700,000/250	800,000/375	98	127	40.0	42x72	42x60	2580
H200M-900	30	570,000/180	840,000/300	960,000/450	96	120	40.0	42x72	50x60	4130
H200M-1200	40	760,000/240	1,120,000/400	1,128,000/600	98	127	50.0	48x72	50x60	3940

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".