

Hellenbrand[®]

Water Softening

H200M Series

SOFT WATER YOU CAN DEPEND ON



H-200M SERIES[™]
WATER CONDITIONING SYSTEM



System Applications

- Agriculture and dairies
- Apartment buildings
- Assisted living & CBRF 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
- Piston operated
- One piece stack assembly
- Disassemble and reassemble in minutes

Meter Accuracy

- 1.5" Meter 0.5 - 75 gpm +/- 5%
- 2" Meter 1.5 - 150 gpm +/- 5%

Specifications

DEMAND MODEL NAME	MINERAL CU. FT.	CAPACITY				FLOW RATE @ 15 PSI	PEAK FLOW RATE @ 25 PSI	BACK WASH RATE GPM	MINERAL TANK (INCHES)	BRINE TANK ¹	
		EFFICIENT GRAINS/LBS.	LOW SALT GRAINS/LBS.	MED. SALT GRAINS/LBS.	HIGH SALT GRAINS/LBS.					TANK SIZE (INCHES)	SALT STORAGE (POUNDS)
H200M-60	2	41,000/10	49,500/15	56,000/20	63,000/30	38	49	4.2	13x54	18x40	290
H200M-90	3	61,500/15	74,250/22.5	84,000/30	94,500/45	39	50	4.2	14x65	18x40	260
H200M-120	4	82,000/20	99,000/30	112,000/40	126,000/60	47	60	5.3	16x65	24x50	730
H200M-150	5	102,500/25	123,750/37.5	140,000/50	157,500/75	53	69	7.5	18x65	24x50	730
H200M-150-21	5	102,500/25	123,750/37.5	140,000/50	157,500/75	72	94	9.0	21x62	24x50	730
H200M-180	6	123,000/30	148,500/45	168,000/60	189,000/90	51	66	7.5	18x65	24x50	730
H200M-180-21	6	123,000/30	148,500/45	168,000/60	189,000/90	70	91	9.0	21x62	24x50	730
H200M-210	7	143,500/35	173,250/52.5	196,000/70	220,500/105	66	85	9.0	21x62	24x50	680
H200M-240	8	164,000/40	198,000/60	224,000/80	252,000/120	76	98	13.0	24x72	24x50	630
H200M-300	10	205,000/50	247,500/75	280,000/100	315,000/150	73	94	13.0	24x72	24x50	560
H200M QC-300-30	10	205,000/50	247,500/75	280,000/100	315,000/150	92	120	20.0	30x72	24x50	560
H200M QC-450	15	307,500/75	371,250/112.5	420,000/150	472,500/225	88	113	20.0	30x72	30x50	890
H200M QC-600	20	410,000/100	495,000/150	560,000/200	630,000/300	97	126	30.0	36x72	39x48	1710
H200M QC-750	25	512,500/125	618,750/187.5	700,000/250	787,500/375	106	137	40.0	42x72	42x60	2650
H200M QC-900	30	615,000/150	742,500/225	840,000/300	945,000/450	104	130	40.0	42x72	50x60	4010
H200M QC-1200	40	820,000/200	990,000/300	1,120,000/400	1,260,000/600	105	136	50.0	48x72	50x60	3400

¹Suggested brine tank size with grid plate option for medium salting. 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

- 2" internal porting provides higher service flows with less pressure drop
- Level VI, 15V output DC power supply
- Electronic meter demand with calendar day override
- Scrolling user screen shows capacity remaining, time of day and flow rate
- 15-Volt DC relay driver allows 2 dry contact signals
- Service interval screen reminds you to call for preventative maintenance service
- Auxiliary input
- Fully programmable cycle position and times
- Nine cycle control with quiet operation
- Soft water brine tank refill
- 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
- Parallel
- Twin Alternating
- ProFlo (Up to 4 units) - Progressive Flow
- SystemMate (Up to 6 units)
 - Progressive Flow
 - Alternating
 - Random
 - Series
- Brine Reclaim
- Alternate Source Regen
- No Raw Water Bypass



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