

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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