

# H-300 SERIES™

## WATER CONDITIONING SYSTEM



- 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 H300 Control is User Friendly and Reliable.**

- **Modular Design**
- **Non-Corrosive Internals**
- **Lead Free Brass Valve<sup>1</sup>**
- **One Piece Stack Assembly**
- **Piston Operated**
- **Disassemble and Reassemble in Minutes**

<sup>1</sup>H300 Valve Bodies have an NSF Approved Food Grade Electro-Deposited Epoxy Coating to Protect Against Corrosion

**Hellenbrand**®

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## Going Green

**Brine Reclaim** – The H300 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 H300 standard electronic package is capable of reclaiming much of the water used to regenerate the water softener and reuse 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 repressurization and disinfection system. A separate line is required to refill this tank when the reclaim water drops below a certain level between regenerations.



## H300 Features and Benefits

- 3.0" 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 Refill
- 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  
Twin  
Tri-Plex  
Four-Plex

### Meter Accuracy

1.5" Meter 0.5 – 60 gpm  
2" Meter 1.5 – 150 gpm  
Accuracy: ±5%

Parallel, Alternating or Demand Recall Configurations.

## HELLENBRAND WARRANTY

Go to [www.hellenbrand.com](http://www.hellenbrand.com) for full details.

## 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 <sup>1</sup>	
									TANK SIZE (INCHES)	SALT STORAGE (POUNDS)
H300-300	10	190,000/60	280,000/100	320,000/150	98	126	12	24x72	30x50	1110
H300-300-30	10	190,000/60	280,000/100	320,000/150	158	205	20	30x72	30x50	1110
H300-450	15	285,000/90	420,000/150	480,000/225	144	186	20	30x72	39x48	2030
H300-600	20	380,000/120	560,000/200	640,000/300	172	222	30	36x72	39x48	1640
H300-750	25	475,000/150	700,000/250	800,000/375	190	244	40	42x72	42x60	2580
H300-900	30	570,000/180	840,000/300	960,000/450	180	238	40	42x72	50x60	4130
H300-1200	40	760,000/240	1,120,000/400	1,280,000/600	194	251	50	48x72	50x60	4130
H300-1500	50	950,000/300	1,400,000/500	1,600,000/750	200	260	65	54x72*	60x64	4000
H300-1950	65	1,235,000/390	1,820,000/650	2,080,000/975	205	260	80	60x72*	72x45	4800
H300-2100	70	1,330,000/420	1,960,000/700	2,240,000/1,050	210	270	90	63x86	72x54	4800

Mineral tank sizes shown are with polyglass tanks. (\* denotes steel tanks)

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".



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DEALER NAME:

