

Hellenbrand®

Water Softening

H300 Series

SOFT WATER YOU CAN DEPEND ON



H-300 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
- Piston operated
- One piece stack assembly
- Disassemble and reassemble in minutes
- High salt efficiency/low chloride discharge

System Design Options

- 2-16 Units
- Twin Alternating
- Brine Reclaim
- No Raw Water Bypass
- Parallel
- Demand Recall
- Alternate Source Regen

Meter Accuracy

- 1.5" Meter 0.5 - 60 gpm +/- 5%
- 2" Meter 1.5 - 150 gpm +/- 5%
- 3" Meter 3.5 - 350 gpm +/- 5%

Specifications

DEMAND MODEL NAME	MINERAL CU. FT.	CAPACITY			FLOW RATE @ 15 PSI	PEAK FLOW RATE @ 25 PSI	BACKWASH RATE GPM	MINERAL TANK (INCHES)	BRINE TANK ¹	
		LOW SALT GRAINS/LBS.	MED. SALT GRAINS/LBS.	HIGH SALT GRAINS/LBS.					TANK SIZE (INCHES)	SALT STORAGE (POUNDS)
H300-300	10	230,000/60	280,000/100	320,000/150	98	126	12	24x72	24x50	640
H300-300-30	10	230,000/60	280,000/100	320,000/150	158	205	20	30x72	24x50	640
H300-450	15	344,000/90	420,000/150	480,000/225	144	186	20	30x72	30x50	1100
H300-600	20	459,000/120	560,000/200	640,000/300	172	222	30	36x72	39x48	1875
H300-750	25	573,000/150	700,000/250	800,000/375	190	244	40	42x72	42x60	2580
H300-900	30	688,000/180	840,000/450	960,000/450	180	238	40	42x72	50x60	4130
H300-1200	40	917,000/240	1,120,000/400	1,280,000/600	194	251	50	48x72	50x60	3497
H300-1500	50	1,146,000/300	1,400,000/500	1,600,000/750	200	260	65	54x72	60x66	6638
H300-1950	65	1,490,000/390	1,820,000/650	2,080,000/975	205	260	80	60x72	60x66	6638
H300-2100	70	1,605,000/420	1,960,000/700	2,240,000/1,050	210	270	90	63x86	60x66	6638

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".

Features and Benefits

- 3" top mount or side mount control valve suited for commercial and industrial applications
- Epoxy coated lead free brass valve body
- Economical stainless steel optional meter assembly
- Solid state microprocessor with easy access front removable POD
- Modbus TCP/IP capability to communicate with building automation systems
- Front panel display for Time of Day, Current Flow Rate, Totalizer and Volume/Days until Regeneration (now with blue backlight)
- Four methods to initiate the down flow regeneration; meter delayed, meter immediate, time clock delayed and pressure differential
- Fully programmable regeneration cycle sequences (maximum 9)
- Fully programmable regeneration cycle times
- Pre or Post treated water regenerant refill
- Days override feature; 1-28 days available
- Lithium coin cell battery for keeping time of day, limited to life of battery
- Level VI 24-volt DC output power supply provides safe and easy installation
- Reliable and proven DC drive
- One piece expanding seal spacer stack assembly
- Auxiliary input
- 2 optional expander board ports for relay options dry contact
- Optional side mount adapter



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