



Hellenbrand®

H151 HE Specifications

Model		H151 HE-16	H151 HE-18	H151 HE-21	H151 HE-24	H151 HE-30
Factory Regeneration Settings						
Total Regen Gallons*		118.7	146.7	192.2	265.1	399.9

*Calculations are based on factory medium salt setting @ 35 psi

Capacity - Efficiency	Grains	Grains	Grains	Grains	Grains
A Efficient - 5000 grains/lb	82,500	99,000	132,000	176,550	277,200
2 Low Salt - 4800 grains/lb	96,000	115,200	153,600	205,440	322,560

Service Flow Rates	GPM	GPM	GPM	GPM	GPM
3 Continuous @ 10 psi loss	25	28	42	51	52
5 Peak @ 15 psi loss	37	44	55	62	70

1 Flint Underbed (Lbs)	50	60	75	100	200
Resin Tank Size	16x65	18x65	21x62	24x72	30x72
Recommended Brine Tank Size (Pre-Fill)	18x40	18x40	24x50	24x50	24x50
Min/Max salt setting in Lbs	4/28	4/28	7/70	7/70	7/70
** Optional Grid Height	NO GRID	NO GRID	NO GRID	NO GRID	NO GRID
Salt Storage Capacity lbs	343	343	838	838	838
BLFC on Valve	NO	NO	NO	NO	NO
Safety Brine Valve	474	474	474	474	474
BLFC at Brine Tank	YES	YES	YES	YES	YES
Brine Line Size	1/2"	1/2"	1/2"	1/2"	1/2"
DLFC (gpm)	3.2	4.2	5.3	7.5	11
BLFC (gpm)	2.2	2.2	2.2	2.2	2.2
4 Factory Meter Setting (for single unit)	4,800	5,700	7,600	10,250	16,000
Size of connections					
Inlet / Outlet	1.5"	1.5"	1.5"	1.5"	1.5"
Recommended minimum pipe size					
Drain Line	3/4"	3/4"	3/4"	3/4"	1"
Shipping Weight (includes pallet)	424	520	672	873	1317
Stock Code Number	111217	111218	111297	111693	111868

1. High Salting may require optional Grid or larger brine tank
2. Factory default setting are shown in bold
3. Service Flows are with Hub and Lateral distributors and may be lower with a Stack distributor
4. Recommended minimum pipes sizes are copper pipe equivalent, when using PEX increase one nominal size
5. Demand Recall set points are factory set at 85% of service flow rate @ 15 psi loss

Upflow high efficiency water softeners are intended for clean water such as municipal supplies or well water applications with proper pre-treatment. Operating parameters are for up to 0.5 ppm iron and 40 gpg hardness.

A. Maximum efficiency system can achieve, efficiency is valid at stated salt dosage and operating psi only. the operational efficiency may be less than the tested efficiency due to the individual application factors such as hardness, total dissolved solids, water usage, water pressure, and other containinants in the water that may reduce capacity.

Hellenbrand products are not for sale or distribution into the State of California effective 8-31-2018