

Hellenbrand

H200M HE Specifications

Model		H200M HE-16	H200M HE-18	H200M HE-21	H200M HE-24	H200M QC HE-30	H200M QC HE-36	H200M QC HE-42	H200M QC HE-48	
Factory Regeneration Settings										
Cycle 1	Brine Draw UP	Minutes	84	84	116	84	90	134	150	160
		Gallons	47.88	54.6	75.4	54.6	108	234.5	360	624
Cycle 2	Backwash	Minutes	12	12	12	12	12	12	12	12
		Gallons	38.4	50.4	63.6	90	132	180	300	336
Cycle 3	Rinse	Minutes	8	8	8	8	8	8	8	8
		Gallons	25.6	33.6	42.4	60	88	120	200	224
Cycle 4	Fill (POST)	Minutes	3.10	3.7	4.9	6.5	10.5	14.5	21.5	26
		Gallons	6.82	8.14	10.78	14.30	23.10	31.90	43.00	52.00
Cycle 5	Optional									
Total Regen Gallons*		118.7	146.7	192.2	218.9	351.1	566.4	903.0	1236.0	
*Calculations are based on factory medium salt setting @ 35 psi										
Refill Lbs		LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	
High Efficient salt @ 3.3 LBS/CF		16.5	19.8	26.4	36.3	56.1	79.2	105.6	128.7	
Low Salt @ 4 LBS/CF		20.0	24.0	32.0	44.0	68.0	96.0	128.0	156.0	
Refill Minutes		MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	
High Efficient salt @ 3.3 LBS/CF		2.5	3.0	4.0	5.4	8.4	12.0	17.5	21.5	
Low Salt @ 4 LBS/CF		3.1	3.7	4.9	6.5	10.5	14.5	21.5	26.0	
Capacity - Efficiency		Grains	Grains	Grains	Grains	Grains	Grains	Grains	Grains	
Efficient - 5000 grains/lb		82,500	99,000	132,000	181,500	280,500	396,000	528,000	643,500	
Low Salt - 4800 grains/lb		96,000	115,200	153,600	211,200	326,400	460,800	614,400	748,800	
Service Flow Rates		GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	
Continuous @ 10 psi loss		30	34	55	70	75	82	90	93	
Peak @ 15 psi loss		44	53	73	86	101	106	113	115	
Resin Tank Size		16x65	18x65	21x62	24x72	30x72	36x72	42x72	48x72	
Recommended Brine Tank Size (Post-Fill)		24X50	24X50	24x50	24x50	30x50	30x50	39x48	39x48	
Min/Max salt setting in Lbs		16/59	16/59	16/59	16/59	39/106	39/106	54/169	54/169	
** Grid Height		5"	5"	5"	5"	6"	6"	6"	6"	
Salt Storage Capacity lbs		749	749	749	749	1140	1140	1949	1949	
BLFC on Valve		NO	NO	NO	NO	NO	NO	NO	NO	
Safety Brine Valve		474	474	474	474	474	474	494	494	
BLFC at Brine Tank		YES	YES	YES	YES	YES	YES	YES	YES	
Brine Line Size		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1" Hard Pipe	
DLFC (gpm)		3.2	4.2	5.3	7.5	11	15	25	28	
BLFC (gpm)		2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.0	
Injector Size		2R	2S	2S	2S	2A	2B	2C	2D	
Factory Meter Setting (for single unit)		4,800	5,700	7,600	10,250	16,000	23,000	30,000	37,000	
Size of connections										
Inlet / Outlet		2"	2"	2"	2"	2"	2"	2"	2"	
Recommended minimum pipe size										
Drain Line		3/4"	3/4"	3/4"	3/4"	1"	1.5"	1.5"	1.5"	
Shipping Weight (includes pallet)										
Stock Code Number										

- Higher Salting may require different Grid height or larger brine tank
^^ 39x48 BT with 6" grid takes 6 hours to make brine with 8 bags of salt minimum
- Factory default setting are shown in bold
- Service Flows are with Hub and Lateral distributors and may be lower with a Stack distributor
- Recommended minimum pipes sizes are copper pipe equivalent, when using PEX increase one nominal size
- 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.