

Hellenbrand

H151 Specifications

Model		H151-60	H151-90	H151-120	H151-150	H151-150-21	H151-180	H151-180-21	H151-210	H151-240	H151-300	H151-300-30	H151-450
Factory Regeneration Settings													
Cycle 1	Backwash	Minutes	10	10	10	10	10	10	10	10	10	10	10
		Gallons	42	42	53	75	90	75	90	90	130	130	200
Cycle 2	Brine Dr DN	Minutes	60	60	68	68	68	68	68	68	68	68	72
		Gallons	45	78	95.2	132.6	132.6	170	170	170	224.4	224.4	237.6
Cycle 3	Rinse	Minutes	6	6	6	6	6	6	6	6	6	6	6
		Gallons	25	25	32	45	54	45	54	54	78	78	120
Cycle 4	Fill	Minutes	13.5	20	6.1	7.6	7.6	9.1	9.1	11	13.5	17	25
		Gallons	6.75	10	13.42	16.72	16.72	20.02	20.02	24.2	27	34	50
Cycle 5	Optional												
Cycle 6	Optional												
Total Regen Gallons			118.75	155	193.62	269.32	293.32	310.02	334.02	338.2	459.4	466.4	591.6
*Calculations are based on factory medium salt setting @ 50 psi													
Refill Lbs / Minutes		Lbs. Min.											
Efficient salt			10/6.7	15/10.0	20/3.1	25/3.8	25/3.8	30/4.6	30/4.6	35/5.4	40/6.7	50/8.4	50/8.4
Low Salt			12/8.0	18/12.0	24/3.7	30/4.6	30/4.6	36/5.5	36/5.5	42/6.4	48/8.0	60/10.0	60/10.0
Medium Salt			20/13.5	30/20.0	40/6.1	50/7.6	50/7.6	60/9.1	60/9.1	70/11.0	80/13.5	100/17.0	100/17.0
High salt			30/20.0	45/30.0	60/9.1	75/11.5	75/11.5	90/14.0	90/14.0	105/16.0	120/20.0	150/25.0	150/25.0
Capacity - Efficiency													
Efficient - 4000 grains/lb			40,000	60,000	80,000	100,000	100,000	120,000	120,000	140,000	160,000	200,000	200,000
low Salt - 3821 grains/lb			45,852	68,778	91,704	114,630	114,630	137,556	137,556	160,482	183,408	229,260	229,260
Medium Salt - 2800 grains/lb			56,000	84,000	112,000	140,000	140,000	168,000	168,000	196,000	224,000	280,000	280,000
High Salt - 2133 grains/lb			63,990	95,985	127,980	159,975	159,975	191,970	191,970	223,965	255,960	319,950	319,950
Service Flow Rates *													
Continuous @ 15 psi loss			35	35	40	44	52	43	51	50	55	53	60
Peak @ 25 psi loss			45	46	51	57	67	56	65	64	71	68	78
Flint Underbed (Lbs)													
			30	35	40	60	75	60	75	75	100	100	200
High Capacity Resin (Cu. Ft.)			2	3	4	5	5	6	6	7	8	10	15
Resin Tank Size			13x54	14x65	16x65	18x65	21x62	18x65	21x62	21x62	24x72	24x72	30x72
Recommended Brine Tank Size			18X40	18X40	24X50	24X50	24X50	24X50	24X50	24X50	24X50	24X50	30X50
Min/Max salt setting in Lbs			6/28	16/34	29/81	29/81	29/81	29/81	29/81	46/92	54/101	78/114	78/114
** Optional Grid Height			5"	8"	6"	6"	6"	6"	6"	9"	11"	15"	11"
Salt Storage Capacity in LBS			361	330	806	806	806	806	806	751	714	641	641
BLFC on Valve			YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
Brine Valve			474	474	474	474	474	474	474	474	494	494	494
BLFC at Brine Tank			NO	NO	YES IN 474	YES IN 474	YES IN 474	YES IN 474	YES IN 474	YES IN 474	YES	YES	YES
Brine Line Size			3/8"	3/8"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1" Pipe
DLFC (gpm)			4.2	4.2	5.3	7.5	9	7.5	9	9	13	13	20
BLFC (gpm)			0.5	0.5	2.2	2.2	2.2	2.2	2.2	2.2	2.0 FLECK	2.0 FLECK	2.0 FLECK
Injector Size			C-RED	D-WHITE	E-BLUE	F-YELLOW	F-YELLOW	G-GREEN	G-GREEN	G-GREEN	H-ORANGE	H-ORANGE	H-ORANGE
Injector Draw Rate @ 50 psi (gpm)			0.55	0.65	1	1.3	1.3	1.8	1.8	1.8	2.2	2.2	2.2
Injector Slow Rinse Rate @ 50 psi (gpm)			0.75	1.3	1.4	1.95	1.95	2.5	2.5	2.5	3.3	3.3	3.3
Factory Meter Setting (for single unit)			2,800	4,200	5,600	7,000	7,000	8,400	8,400	9,800	11,200	14,000	14,000
Size of connections													
Inlet / Outlet			1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"
Drain line			3/4"	3/4"	3/4"	3/4"	1"	3/4"	1"	1"	1"	1"	1"
Brine Line			3/8" Poly	3/8" Poly	1/2" Poly	1/2" Poly	1/2" Poly	1/2" Poly	1/2" Poly	1/2" Poly	1/2" Poly	1/2" Poly	1" Pipe
Recommended minimum pipe size													
Drain Line			3/4"	3/4"	3/4"	3/4"	1"	3/4"	1"	1"	1"	1"	1.5"
Brine Line			3/8"	3/8"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1"
Shipping Weight (LBS)			234	301	379	478	539	538	590	641	757	859	1062
Stock Code Number			107597	107598	107599	107600	108103	107601	108104	107602	107603	107605	109744

** High Salting may require optional Grid or larger brine tank

Factory default setting are shown in bold

Incremental settings of timers may not meet the calculated capacity exactly, Set down to the next lower incremental setting.

* Service Flows are with Hub and Lateral distributors and may be lower with a Stack distributor

Demand Recall set points are factory set at 85% of service Flow Rate

Factory meter GALLON setting is 2/3 of capacity divided by 20 g/g of hardness

Recommended minimum pipes sizes are copper pipe equivalent, when using PEX increase one nominal size

*Shipping weights include skids

Additional foot notes will be added to specific spec sheets such as "HE" or "High Backwash" etc.

Hellenbrand products are not for sale or distribution into the State of California effective 8/31/18.