



Hellenbrand®

H125 Specifications (Pre Fill)

Model			H125-32-10	H125-48	H125-64	H125-96	H125-128	H125-160	H125-192
Factory Regeneration Settings									
Cycle 1	Fill	Minutes	6.7	10	13.5	20	27	33.5	40
		Gallons	3.35	5	6.75	10	13.5	16.75	20
Cycle 2	Softening	Minutes	120	120	120	120	120	120	120
		Gallons	0	0	0	0	0	0	0
Cycle 3	Backwash	Minutes	8	8	8	8	8	8	8
		Gallons	17.6	17.6	33.6	33.6	42.4	60	60
Cycle 4	Brine Draw DN	Minutes	60	60	68	68	68	68	68
		Gallons	19.2	22.2	43.52	48.28	74.8	95.2	122.4
Cycle 5	Rinse	Minutes	4	4	4	4	4	4	4
		Gallons	8.8	8.8	16.8	16.8	21.2	30	30
Cycle 6	Optional								
Total Regen Gallons			48.95	53.6	100.67	108.68	151.9	201.95	232.4

*Calculations are based on factory medium salt setting @ 50 psi

Refill Lbs / Minutes	Lbs. Min.	Lbs. Min.	Lbs. Min.	Lbs. Min.	Lbs. Min.	Lbs. Min.	Lbs. Min.
Efficient salt @ 5 LBS	5/3.4	7.5/5.0	10/6.7	15/10.0	20/13.5	25/17.0	30/20.0
Low Salt @ 7.5 LBS	7.5/5.0	11.25/7.5	15/10.0	22.5/15.0	30/20.0	37.5/25.0	45/30.0
Medium Salt @ 10 LBS	10/6.7	15/10.0	20/13.5	30/20.0	40/27.0	50/33.5	60/40.0
High salt @ 15 LBS	15/10.0	22.5/15.0	30/20.0	45/30.0	60/40.0	75/50.0	90/60.0

Capacity - Efficiency							
Efficient - 4100 grains/lb	20,500	30,750	41,000	61,500	82,000	102,500	123,000
Low Salt - 3300 grains/lb	24,750	37,125	49,500	74,250	99,000	123,750	148,500
Medium Salt - 2800 grains/lb	28,000	42,000	56,000	84,000	112,000	140,000	168,000
High Salt - 2100 grains/lb	31,500	47,250	63,000	94,500	126,000	157,500	189,000

Service Flow Rates							
Continuous @ 15 psi loss	22	19	25	24	25	27	26
Peak @ 25 psi loss	31	28	34	34	34	37	34

Flint Underbed (Lbs)	14	14	30	35	50	60	60
High Capacity Resin (Cu. Ft.)	1	1.5	2	3	4	5	6
Resin Tank Size	10X44	10X54	13X54	14X65	16X65	18X65	18X65
Recommended Brine Tank Size (Pre-Fill)	18X40	18X40	18X40	24X50	24X50	24X50	24X50
Min/Max salt setting in Lbs	4/28	4/28	4/28	7/70	7/70	7/70	7/70
Optional Grid Height	NO GRID	NO GRID	NO GRID	NO GRID	NO GRID	NO GRID	NO GRID
Salt Storage Capacity lbs	343	343	343	838	838	838	838
Recommended Brine Tank Size (Post-Fill)	18X40	18X40	18X40	24X50	24X50	24X50	24X50
Min/Max salt setting in Lbs	12/29	12/29	12/29	22/32	29/69	29/69	29/69
Grid Height	5	5	5	8	6	6	6
Salt Storage Capacity lbs	294	294	294	731	731	731	731
BLFC on Valve	YES	YES	YES	YES	YES	YES	YES
Safety Brine Valve	474	474	474	474	474	474	474
BLFC LOCATION	VALVE	VALVE	VALVE	VALVE	VALVE	VALVE	VALVE
Brine Line Size	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
DLFC (gpm)	2.2	2.2	4.2	4.2	5.3	7.5	7.5
BLFC (gpm)	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Injector Size	D-RED	E-WHITE	G-YELLOW	H-GREEN	I-ORANGE	J-LT BLUE	K-LT GREEN
Injector Draw Rate @ 50 psi (gpm)	0.22	0.27	0.46	0.46	0.56	0.7	0.75
Injector Slow Rinse Rate @ 50 psi (gpm)	0.32	0.37	0.64	0.71	1.1	1.4	1.8
Factory Meter Setting (for single unit)	1,350	2,000	2,700	4,050	5,400	6,700	8,100
Inlet / Outlet connection size	1.25"	1.25"	1.25"	1.25"	1.25"	1.25"	1.25"
Drain Line minimum pipe size	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Shipping Weight (includes pallet)	158	185	241	300	396	481	531
Stock Code Number	110280	110281	110282	110283	110284	110285	110286

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