



Hellenbrand®

H125 Specifications

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 DrDN	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.						
Efficient salt	5/3.4	7.5/5	10/6.7	15/10	20/13.5	25/17	30/20	
Low Salt	6/4	9/6	12/8	18/12	24/16	30/20	36/24	
Medium Salt	10/6.7	15/10	20/13.5	30/20	40/27	50/33.5	60/40	
High salt	15/10	22.5/15	30/20	45/30	60/40	75/50	90/60	

Capacity - Efficiency							
Efficient - 4000 grains/lb	20,000	30,000	40,000	60,000	80,000	100,000	120,000
low Salt - 3821 grains/lb	22,926	34,389	45,852	68,778	91,704	114,630	137,556
Medium Salt - 2800 grains/lb	28,000	42,000	56,000	84,000	112,000	140,000	168,000
High Salt - 2133 grains/lb	31,995	47,992	63,990	95,985	127,980	159,975	191,970

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	40	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	18X40	18X40	18X40	24X50	24X50	24X50	24X50	
Min/Max salt setting in Lbs	3/26	3/26	3/26	6/65	6/65	6/65	6/65	
** Optional Grid Height	NO GRID	NO GRID	NO GRID	NO GRID	NO GRID	NO GRID	NO GRID	
Salt Storage Capacity in LBS	412	412	412	916	916	916	916	
BLFC on Valve	YES	YES	YES	YES	YES	YES	YES	
Brine Valve	474	474	474	474	474	474	474	
BLFC at Brine Tank	NO	NO	NO	NO	NO	NO	NO	
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)	1,400	2,100	2,800	4,200	5,600	7,000	8,400	
Size of connections								
Inlet / Outlet	1.25"	1.25"	1.25"	1.25"	1.25"	1.25"	1.25"	
Drain line	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
Brine Line	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	
Recommended minimum pipe size								
Drain Line	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
Brine Line	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	
Shipping Weight	158	185	241	300	396	481	531	
Stock Code Number	110280	110281	110282	110283	110284	110285	110286	

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

Factory default setting are shown in bold

* 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 for single softeners

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

*Shipping weights include skids

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

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9/24/18