

# Hellenbrand

## H300 Specifications

Model #		H300-300	H300-300-30	H300-450	H300-450-36	H300-600	H300-750	H300-900	H300-1200	H300-1500	H300-1950	H300-2100
Factory Settings												
Backwash	Minutes	10	10	10	12	12	12	12	12	12	12	12
	Gallons	120	200	200	360	360	480	480	600	780	960	1080
Brine Rinse	Minutes	60	60	70	80	80	80	80	80	80	80	80
	Gallons	174	270	315	360	480	560	560	800	1440	1440	1440
Fast Rinse	Minutes	8	8	8	10	10	10	10	10	10	10	10
	Gallons	96	160	160	300	300	400	400	500	650	800	900
Fill	minutes	16.7	16.7	25	25	33.3	16.7	20	26.7	16.7	21.7	23.3
	Gallons	33	33	50	50	67	84	100	134	167	217	233
Total Regeneration Gallons		423	663	725	1070	1207	1524	1540	2034	3037	3417	3653

\*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.	Lbs. Min.	Lbs. Min.	Lbs. Min.	Lbs. Min.	Lbs. Min.
Efficient Salt	50 8.4	50 8.4	76 12.5	76 12.5	100 16.7	126 8.4	150 10	200 13.4	250 8.4	326 10.8	350 11.7	
Low Salt	60 10.0	60 10.0	90 15.0	90 15.0	120 20.0	150 10.0	180 12.0	240 16.0	300 20.0	390 26.0	420 28.0	
<b>Medium Salt</b>	<b>100 16.7</b>	<b>100 16.7</b>	<b>150 25</b>	<b>150 25</b>	<b>200 33.3</b>	<b>250 16.7</b>	<b>300 20</b>	<b>400 26.7</b>	<b>500 16.7</b>	<b>650 21.7</b>	<b>700 23.3</b>	
High Salt	150 25	150 25	226 37.5	225 37.5	300 50	375 25	450 30	600 40	750 25	975 32.5	1050 35	

Capacity - KGrains												
Efficient Salt - 4000 grains/lb	200	200	300	300	400	500	600	800	1000	1300	1400	
Low Salt - 3821 grains/lb	230	230	344	344	459	573	688	917	1146	1490	1605	
<b>Medium Salt - 2800 grains/lb</b>	<b>280</b>	<b>280</b>	<b>420</b>	<b>420</b>	<b>560</b>	<b>700</b>	<b>840</b>	<b>1120</b>	<b>1400</b>	<b>1820</b>	<b>1960</b>	
High Salt - 2133 grains/lb	320	320	480	480	640	800	960	1280	1600	2080	2240	

Service Flow Rates												
Continuous @ 15 Psi	98	158	144	172	172	190	180	194	200	205	210	
Peak @ 25 Psi	126	205	186	222	222	244	238	251	260	260	270	

Under bed (lbs)	150	200/75	200/75	300/150	300/150	500/175	500/175	500/200	900/400	1100/500	1200/600	
High Capacity Resin (cf)	10	10	15	15	20	25	30	40	50	65	70	
Resin Tank Size	24x72	30x72	30x72	36x72	36x72	42x72	42x72	48x72	54x72 steel	60x72 steel	63x86	
Recommended Brine Tank	24x50	24x50	30x50	30x50	39x48	42x60	50x60	50x60	60x66	60x66	60x66	
<b>Grid Height</b>	<b>11"</b>	<b>15"</b>	<b>11"</b>	<b>11"</b>	<b>9"</b>	<b>11"</b>	<b>8"</b>	<b>16"</b>	<b>8"</b>	<b>8"</b>	<b>8"</b>	
Min/Max Salt Setting in Lbs.	53/98	76/110	83/159	83/159	109/246	162/376	153/493	357/601	220/782	220/782	220/782	
DLFC	12	20	20	30	30	40	40	50	65	80	90	
BLFC	2	2	2	2	2	5	5	5	10	10	10	
Injector	2C	2D	2D	2D	2E	2F	2F	2G	2H	2H	2H	
Injector Draw Rate (gpm @ 50 psi)	2.1	3.1	3.1	3.1	4.1	5	5	7	12	12	12	
Injector Slow Rinse (gpm @ 50psi)	2.9	4.5	4.5	4.5	6	7	7	10	18	18	18	
Factory Meter Setting	12,600	12,600	18,900	18,900	25,200	31,500	37,800	50,400	63,000	81,900	88,200	

\*Factory meter settings are based on 20 grain per gallon compensated hardness and a 10% safety factor

### Factory Default settings in bold

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