



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 | |
| Medium Salt | 100 16.7 | 100 16.7 | 150 25 | 150 25 | 200 33.3 | 250 16.7 | 300 20 | 400 26.7 | 500 16.7 | 650 21.7 | 700 23.3 | |
| 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 | |
| Medium Salt - 2800 grains/lb | 280 | 280 | 420 | 420 | 560 | 700 | 840 | 1120 | 1400 | 1820 | 1960 | |
| 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 | |
| Grid Height | 11" | 15" | 11" | 11" | 9" | 11" | 8" | 16" | 8" | 8" | 8" | |
| 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

800300 Rev C 9/24/18

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