

Halia™ PT



Halia™ PT brand media filtration and water softening systems from Haliant Technologies provide the right combination of value and features required for any membrane pre-treatment application. Every Halia™ PT system is manufactured from the highest quality components to the exacting standards of all Haliant Technologies equipment. Standard Halia™ PT models are sized for pre-treatment of Haliant Technologies R.O. systems, or can be used stand-alone for a specific filtration or softening project.

Halia™ PT Multi-media and Activated Carbon filters are available in a single-tank configuration. Water Softeners are available in single-tank or twin-alternating models.

Halia™ PT brand filters and softeners are ideal for a wide variety of commercial and industrial water treatment applications including:

- Dechlorination
- Organics Removal
- Sediment Filtration
- Iron Removal
- Water Softening



Halia™ PT



Standard Features

Fiberglass or Composite Media Tank
Bronze or Plastic Control Valve (top-mount)
PVC Control Valves (front-mount)
60Hz timer motor/controls

Optional Features

Instrumentation or Pressure Gauges
Demand Metered Control (single tank systems)
50Hz timer motor/controls
Crating

System Specifications

| MODEL | MULTI-MEDIA FILTERS (-MM) | | | | | | ACTIVATED CARBON FILTERS (-AC) | | | | | | |
|-------------|---------------------------|------------------------|--------------------|---------------------|---------------|-----------------|--------------------------------|------------------------|--------------------|---------------------|---------------|-----------------|-----------------|
| | TANK SIZE (dia. x H) | MEDIA VOLUME (cu. ft.) | SERVICE FLOW (GPM) | BACKWASH FLOW (GPM) | CONTROL VALVE | PIPE SIZE (in.) | WEIGHT (lbs/Kg) | MEDIA VOLUME (cu. ft.) | SERVICE FLOW (GPM) | BACKWASH FLOW (GPM) | CONTROL VALVE | PIPE SIZE (in.) | WEIGHT (lbs/Kg) |
| HALIA-PT-9 | 9" x 48" | 1 | 2 - 7 | 5 | FLECK 2700 | 1" | 125/57 | 1 | 2.2 | 4 | FLECK 2510 | 1" | 90/41 |
| HALIA-PT-10 | 10" x 54" | 2 | 3 - 8 | 7 | FLECK 2700 | 1" | 161/73 | 1.5 | 2.7 | 5 | FLECK 2510 | 1" | 105/48 |
| HALIA-PT-12 | 12" x 52" | 2 | 4 - 12 | 9 | FLECK 2750 | 1" | 225/102 | 2 | 3.9 | 7 | FLECK 2510 | 1" | 160/73 |
| HALIA-PT-14 | 14" x 65" | 4 | 5 - 16 | 12 | FLECK 2850 | 1.5" | 375/170 | 3 | 5 | 10 | FLECK 2700 | 1.5" | 194/88 |
| HALIA-PT-16 | 16" x 65" | 5 | 7 - 21 | 16 | FLECK 2850 | 1.5" | 500/227 | 4 | 7 | 12 | FLECK 2700 | 1.5" | 254/115 |
| HALIA-PT-21 | 21" x 62" | 8 | 11 - 33 | 26 | FLECK 3150 | 2" | 765/378 | 5 | 13 | 26 | FLECK 2850 | 2" | 410/186 |
| HALIA-PT-24 | 24" x 72" | 12 | 16 - 47 | 38 | PDVN | 2" | 1150/523 | 8 | 16 | 30 | FLECK 2900 | 2" | 680/309 |
| HALIA-PT-30 | 30" x 72" | 19 | 25 - 74 | 59 | PDVN | 2" | 1750/795 | 10 | 25 | 50 | PDVN | 2" | 1025/466 |
| HALIA-PT-36 | 36" x 72" | 27 | 35 - 106 | 85 | PDVN | 2" | 2500/1136 | 20 | 35 | 70 | PDVN | 2" | 1630/695 |
| HALIA-PT-42 | 42" x 72" | 38 | 48 - 144 | 115 | PDVN | 3" | 3650/1659 | 30 | 50 | 95 | PDVN | 2" | 2050/932 |
| HALIA-PT-48 | 48" x 72" | 50 | 63 - 189 | 150 | PDVN | 3" | 4850/2205 | 40 | 60 | 125 | PDVN | 2" | 3095/1407 |
| HALIA-PT-63 | 63" x 86" | 81 | 108 - 325 | 260 | PDVN | 3" | 8950/4058 | 64 | 110 | 210 | PDVN | 3" | 4091/1860 |

| MODEL | ALL SOFTENERS | | | | | SINGLE-TANK SOFTENERS (-SS) | | | | | TWIN ALTERNATING SOFTENERS (-ST) | | | | | |
|----------------|-----------------|----------------------|----------------------------|---------------------------|-----------------------|-----------------------------|-----------------|---------------------|--------------------|------------------|----------------------------------|-----------------|---------------------|--------------------|------------------|---------------|
| | RESIN TANK SIZE | RESIN VOL. (cu. ft.) | CAPACITY / REGEN. (grains) | MAX. SALT / REGEN. (lbs.) | BRINE TANK (dia. x H) | SALT CAPACITY (lbs.) | PIPE SIZE (in.) | NET WEIGHT (lbs/Kg) | SERVICE FLOW (GPM) | B / W FLOW (GPM) | CONTROL VALVE | PIPE SIZE (in.) | NET WEIGHT (lbs/Kg) | SERVICE FLOW (GPM) | B / W FLOW (GPM) | CONTROL VALVE |
| HALIA-PT-8 | 8" x 35" | 1 | 15,000 | 7.5 | 18" x 40" | 400.0 | 3/4" | 80/36 | 8 | 1.75 | FLECK 2510 | 3/4" | 175/90 | 8 | 1.5 | FLECK 9000 |
| HALIA-PT-9 | 9" x 48" | 1 | 30,000 | 15 | 18" x 40" | 400.0 | 3/4" | 115/52 | 10 | 2.2 | FLECK 2510 | 3/4" | 230/105 | 10 | 2 | FLECK 9000 |
| HALIA-PT-10 | 10" x 54" | 2 | 45,000 | 22.5 | 18" x 40" | 400 | 3/4" | 135/61 | 12 | 2.7 | FLECK 2510 | 3/4" | 290/132 | 12 | 2.4 | FLECK 9000 |
| HALIA-PT-12 | 12" x 52" | 2 | 60,000 | 30 | 18" x 40" | 400 | 3/4" | 195/89 | 11.5 | 4 | FLECK 2510 | 3/4" | 400/182 | 15 | 3.5 | FLECK 9000 |
| HALIA-PT-13 | 13" x 54" | 3 | 75,000 | 37.5 | 18" x 40" | 400 | 3/4" | 220/100 | 11.5 | 4 | FLECK 2510 | 1" | 460/209 | 18 | 4 | FLECK 9000 |
| HALIA-PT-14 | 14" x 65" | 3 | 90,000 | 45 | 24" x 41" | 600 | 1.5" | 240/109 | 22.5 | 5 | FLECK 2850 | 1" | 500/227 | 19.5 | 5 | FLECK 9000 |
| HALIA-PT-16 | 16" x 65" | 4 | 120,000 | 60 | 24" x 41" | 600 | 1.5" | 320/145 | 22.5 | 7 | FLECK 2850 | 1" | 650/295 | 20.5 | 7 | FLECK 9000 |
| HALIA-PT-20 | 20" x 62" | 5 | 150,000 | 75 | 24" x 50" | 800 | 1.5" | 450/205 | 37.5 | 11 | FLECK 2850 | 1.5" | 900/409 | 36.5 | 12 | FLECK 9500 |
| HALIA-PT-21-5 | 21" x 62" | 6 | 180,000 | 90 | 24" x 50" | 800 | 1.5" | 535/243 | 37.5 | 11 | FLECK 2850 | 1.5" | 1115/507 | 39 | 12 | FLECK 9500 |
| HALIA-PT-21-7 | 21" x 62" | 7 | 210,000 | 105 | 24" x 50" | 800 | 1.5" | 585/266 | 42.5 | 13 | FLECK 2850 | 1.5" | 1215/552 | 41.5 | 15 | FLECK 9500 |
| HALIA-PT-24-8 | 24" x 72" | 8 | 240,000 | 120 | 39" x 48" | 2000 | 1.5" | 660/300 | 42.5 | 13 | FLECK 2850 | 1.5" | 1535/698 | 43 | 15 | FLECK 9500 |
| HALIA-PT-24-10 | 24" x 72" | 10 | 300,000 | 150 | 39" x 48" | 2000 | 1.5" | 710/323 | 42.5 | 15 | FLECK 2850 | 1.5" | 1750/795 | 43 | 15 | FLECK 9500 |
| HALIA-PT-30 | 30" x 72" | 15 | 450,000 | 225 | 39" x 48" | 2000 | 2" | 1160/527 | 94.5 | 25 | FLECK 2900 | 2" | 2190/995 | 95 | 25 | FLECK 2900 |
| HALIA-PT-36 | 36" x 72" | 20 | 600,000 | 300 | 39" x 60" | 2500 | 2" | 1560/709 | 94.5 | 35 | FLECK 2900 | 2" | 2990/1359 | 95 | 35 | FLECK 2900 |



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