

Spunstrand Bio-Scrubbers Rocket Series

| Model Number | Diameter (feet) | Face Area (ft ²) | Flow Rate CFM @ 50 FPM | Residence Time (seconds) | Media height (feet) | Media Volume (ft ³) | Media Weight (lbs) | Vessel height (feet) | Flow Rate (gpm/ft ²) | Recirc Rate (gpm) |
|--------------|-----------------|------------------------------|------------------------|--------------------------|---------------------|---------------------------------|--------------------|----------------------|----------------------------------|-------------------|
| RT-3.5 | 3.5' | 9.6 | 480 | 12 | 10 | 96 | 1190.4 | 8-10' | 0.25 | 24.0 |
| RT-4.0 | 4' | 12.65 | 633 | 12 | 10 | 126.5 | 14760.96 | 9-11' | 0.25 | 31.6 |
| RT-5.0 | 5' | 19.6 | 980 | 12 | 10 | 196 | 2430.4 | 10-12' | 0.25 | 49.0 |
| RT-6.0 | 6' | 28.25 | 1413 | 12 | 10 | 282.5 | 3503 | 12-15' | 0.25 | 70.6 |
| RT-7.0 | 7' | 38.45 | 1923 | 12 | 10 | 384.5 | 4767.8 | 14-18 | 0.25 | 96.1 |
| RT-8.0 | 8' | 50.75 | 2538 | 12 | 10 | 507.5 | 6293 | 15-18' | 0.25 | 126.9 |
| RT-9.0 | 9' | 54.54 | 2727 | 12 | 10 | 545.4 | 8453.7 | 15-18' | 0.25 | 136.4 |
| RT-10.0 | 10' | 78.55 | 3928 | 12 | 10 | 785.5 | 9740.2 | 15-18' | 0.25 | 196.4 |
| RT-12.0 | 12' | 131 | 6550 | 12 | 10 | 1310 | 16244 | 15-18' | 0.25 | 327.5 |
| RT-14.0 | 14' | 154 | 7700 | 12 | 10 | 1540 | 19096 | 17-20' | 0.25 | 385.0 |
| RT-15.5 | 15.5' | 189 | 9450 | 12 | 10 | 1890 | 23436 | 17-20' | 0.25 | 472.5 |

Green-strand
(select media wt from below)

Round Odor Compound Killing Environmental Tower

Bio-Scrubber/Trickling filter Media Options:

| Media Option | Media Weight cu/ft |
|-------------------|--------------------|
| Green-Strand | 12.4 |
| Green-Strand flex | 15.5 |
| Flow-Strand | 50.8 |
| Fiber-Strand | N/A |
| Unobtainium | N/A |

**Spunstrand Bio-Scrubbers
Cross Flow**

Socket Series Horizontal FRP

| Model Number | Diameter (feet) | Face Area (ft2) | Flow Rate CFM @50 FPM | Residence Time (seconds) | Media height (feet) | Media Volume (ft3) | Media Weight (lbs) | Vessel length (feet) | Flow Rate (gpm/ft2) |
|--------------|-----------------|-----------------|-----------------------|--------------------------|---------------------|--------------------|--------------------|----------------------|---------------------|
| FH-3.5 | 42"x42" | 12.25 | 613 | 12 | 10 | 122.5 | 1519 | 8-10' | 0.25 |
| FH-4.0 | 48"x48" | 16 | 800 | 12 | 10 | 160 | 18835.6 | 9-11' | 0.25 |
| FH-5.0 | 60"x60" | 25 | 1250 | 12 | 10 | 250 | 3100 | 10-12' | 0.25 |
| FH-6.0 | 72"x72" | 36 | 1800 | 12 | 10 | 360 | 4464 | 12-15' | 0.25 |
| FH-7.0 | 84"x74" | 43 | 2150 | 12 | 10 | 430 | 5332 | 14-18' | 0.25 |
| FH-8.0 | 96"x74" | 49.3 | 2465 | 12 | 10 | 493 | 6113.2 | 15-18' | 0.25 |
| FH-10.0 | 120"x74" | 61.7 | 3085 | 12 | 10 | 617 | 7650.8 | 15-18' | 0.25 |
| FH-12.0 | 144"x74" | 74 | 3700 | 12 | 10 | 740 | 9176 | 15-18' | 0.25 |
| FH-14.0 | 168"x74" | 86 | 4300 | 12 | 10 | 860 | 10664 | 17-20' | 0.25 |
| FH-15.5 | 186"x74" | 95.6 | 4780 | 12 | 10 | 956 | 11854.4 | 17-20' | 0.25 |

Green-strand
(select media wt from below)

Square Odor Compound Killing Environmental Tower

Bio-Scrubber/Trickling filter Media Options:

| | |
|-------------------|-------------------------|
| Green-Strand | Recycled glass |
| Green-Strand flex | Recycled glass w/carbon |
| Flow-Strand | Lava Rock |
| Fiber-Strand | Wood Fibers |
| Unobtainium | Bug food |

Media Weight cu/ft

| |
|------|
| 12.4 |
| 15.5 |
| 50.8 |
| N/A |
| N/A |

**Spunstrand Bio-Scrubbers Pocket Series Horizontal PVC
Cross-Flow**

| Model Number | Diameter (feet) | Face Area (ft ²) | Flow Rate CFM @50 FPM | Residence Time (seconds) | Media height (feet) | Media Volum (ft ³) | Media Weight (lbs) | Vessel length (feet) | Flow Rate (gpm/ft ²) | Recirc Rate (gpm) |
|--------------|-----------------|------------------------------|-----------------------|--------------------------|---------------------|--------------------------------|--------------------|----------------------|----------------------------------|-------------------|
| PH-3.5 | 42"x42" | 12.25 | 613 | 12 | 10 | 122.5 | 1519 | 8-10' | 0.25 | 30.6 |
| PH-4.0 | 48"x48" | 16 | 800 | 12 | 10 | 160 | 18835.6 | 9-11' | 0.25 | 40.0 |
| PH-5.0 | 60"x60" | 25 | 1250 | 12 | 10 | 250 | 3100 | 10-12' | 0.25 | 62.5 |
| PH-6.0 | 72"x72" | 36 | 1800 | 12 | 10 | 360 | 4464 | 12-15' | 0.25 | 90.0 |
| PH-7.0 | 84"x74" | 43 | 2150 | 12 | 10 | 430 | 5332 | 14-18 | 0.25 | 107.5 |
| PH-8.0 | 96"x74" | 49.3 | 2465 | 12 | 10 | 493 | 6113.2 | 15-18' | 0.25 | 123.3 |
| PH-10.0 | 120"x74" | 61.7 | 3085 | 12 | 10 | 617 | 7650.8 | 15-18' | 0.25 | 154.3 |
| PH-12.0 | 144"x74" | 74 | 3700 | 12 | 10 | 740 | 9176 | 15-18' | 0.25 | 185.0 |
| PH-14.0 | 168"x74" | 86 | 4300 | 12 | 10 | 860 | 10664 | 17-20' | 0.25 | 215.0 |
| PH-15.5 | 186"x74" | 95.6 | 4780 | 12 | 10 | 956 | 11854.4 | 17-20' | 0.25 | 239.0 |

Green-Strand
(select media wt from below)

PVC Odor Compound Killing Environmental Tower

Bio-Scrubber/Trickling filter Media Options:

| Media Options: | Media Weight cu/ft |
|-------------------|--------------------|
| Green-Strand | 12.4 |
| Green-Strand flex | 15.5 |
| Flow-Strand | 50.8 |
| Fiber-Strand | N/A |
| Unobtainium | N/A |