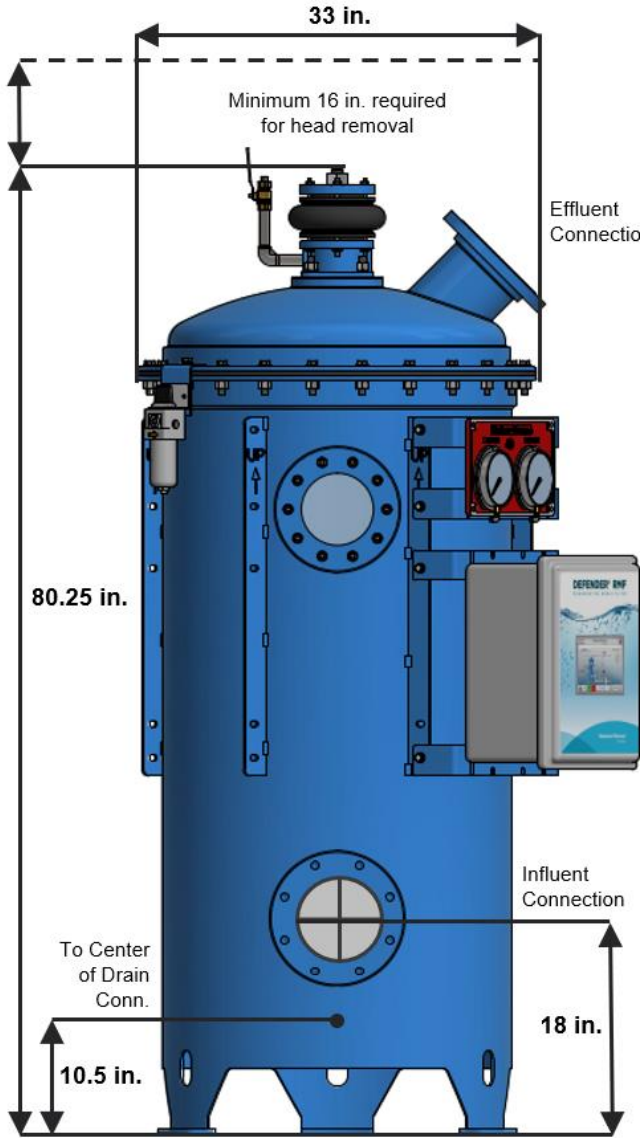


## Defender Assero® Regenerative Media Filter



### CAPACITIES & RATINGS

|              | Filter Area (ft <sup>2</sup> ) | Min Flow (gpm) | Max Flow (gpm) | Volume (gal) |
|--------------|--------------------------------|----------------|----------------|--------------|
| SP-29-36-200 | 117                            | 59             | 164            | 181          |
| SP-29-36-250 | 146                            | 73             | 204            | 181          |
| SP-29-36-300 | 175                            | 88             | 245            | 181          |
| SP-29-36-350 | 204                            | 102            | 286            | 181          |
| SP-29-36-400 | 234                            | 117            | 328            | 181          |
| SP-29-36-450 | 263                            | 132            | 368            | 181          |
| SP-29-36-500 | 294                            | 147            | 412            | 181          |

### CONNECTION SIZES & FOOTPRINT

|              | Inlet/Outlet (in) | Drain (in) | Footprint (ft <sup>2</sup> ) | Perlite (lbs) |
|--------------|-------------------|------------|------------------------------|---------------|
| SP-29-36-200 | 3.0               | 3.0        | 9.5                          | 9.0           |
| SP-29-36-250 | 4.0               | 3.0        | 9.5                          | 11.0          |
| SP-29-36-300 | 4.0               | 3.0        | 9.5                          | 13.0          |
| SP-29-36-350 | 4.0               | 3.0        | 9.5                          | 16.0          |
| SP-29-36-400 | 6.0               | 3.0        | 9.5                          | 18.0          |
| SP-29-36-450 | 6.0               | 3.0        | 9.5                          | 20.0          |
| SP-29-36-500 | 6.0               | 3.0        | 9.5                          | 22.0          |

### WEIGHTS

|              | Head (lbs) | Head & Tubes (lbs) | Shipping (lbs) | Operating (lbs) |
|--------------|------------|--------------------|----------------|-----------------|
| SP-29-36-200 | 170        | 350                | 735            | 2,250           |
| SP-29-36-250 | 170        | 365                | 750            | 2,265           |
| SP-29-36-300 | 170        | 380                | 765            | 2,280           |
| SP-29-36-350 | 170        | 395                | 780            | 2,295           |
| SP-29-36-400 | 170        | 410                | 795            | 2,310           |
| SP-29-36-450 | 170        | 425                | 810            | 2,325           |
| SP-29-36-500 | 170        | 440                | 825            | 2,340           |

- Note 1: Installed height 82" | Drain connection centerline 10.5"  
 Note 2: Min/Max flow rates based on recommended filtration rate of 0.5-1.4 gpm/ft<sup>2</sup>  
 Note 3: Consult Neptune Benson for applications outside recommended range  
 Note 4: All Defender Assero models NSF listed up to 2.0 gpm/ft<sup>2</sup>  
 Note 5: Inlet & outlet connection sizes based on 10.0 fps max pipe velocity  
 Note 6: Perlite media volume produces 1/8" cake for optimal performance  
 Note 7: Additional sizes of Defender® filters available in standard or reduced height



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