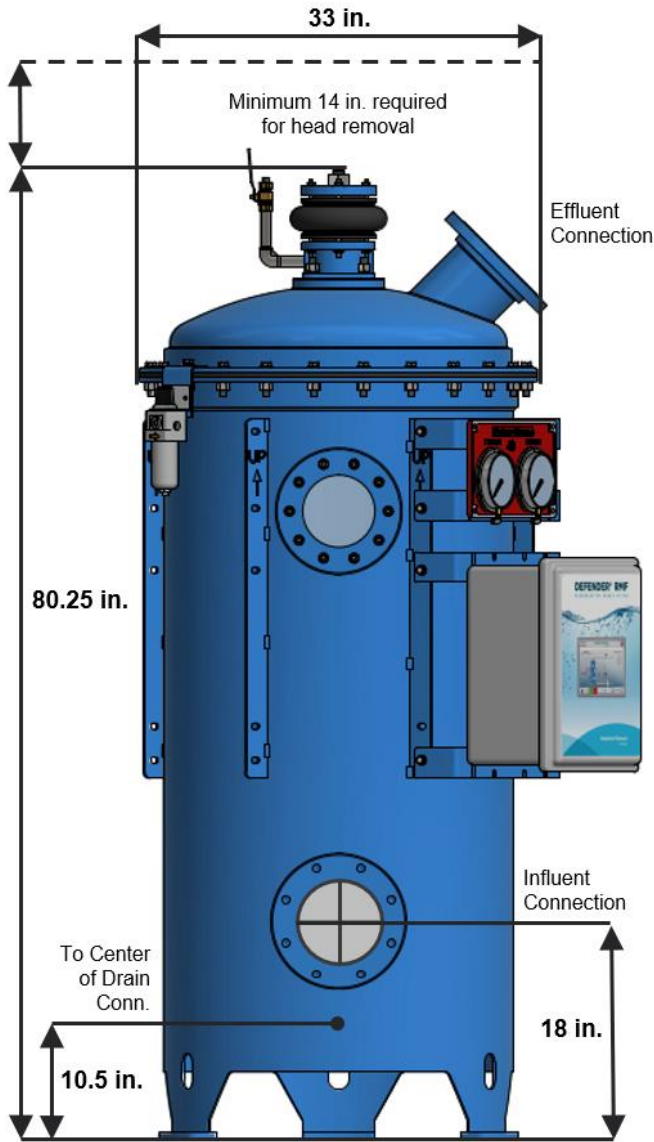


# Defender Assero™ Regenerative Media Filter



## CAPACITIES & RATINGS

	Filter Area (ft²)	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 (ft²)	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/ft²
- Note 3: Consult Neptune Benson for applications outside recommended range
- Note 4: All Defender Assero models NSF listed up to 2.0 gpm/ft²
- 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



334 Knight St Ste 3100 Warwick, RI 02886 USA

+1-800-832-8002 (toll-free) +1-401-821-2200 (toll) [evoqua.com](http://evoqua.com)

Defender, Defender Assero and Neptune-Benson are trademarks of Evoqua Water Technologies LLC, its subsidiaries or affiliates in some countries. All other trademarks are those of their respective owners.

All information presented herein is believed reliable and in accordance with accepted engineering practices. Evoqua makes no warranties as to the completeness of this information. Users are responsible for evaluating individual product suitability for specific applications. Evoqua assumes no liability whatsoever for any special, indirect or consequential damages arising from the sale, resale or misuse of its products.