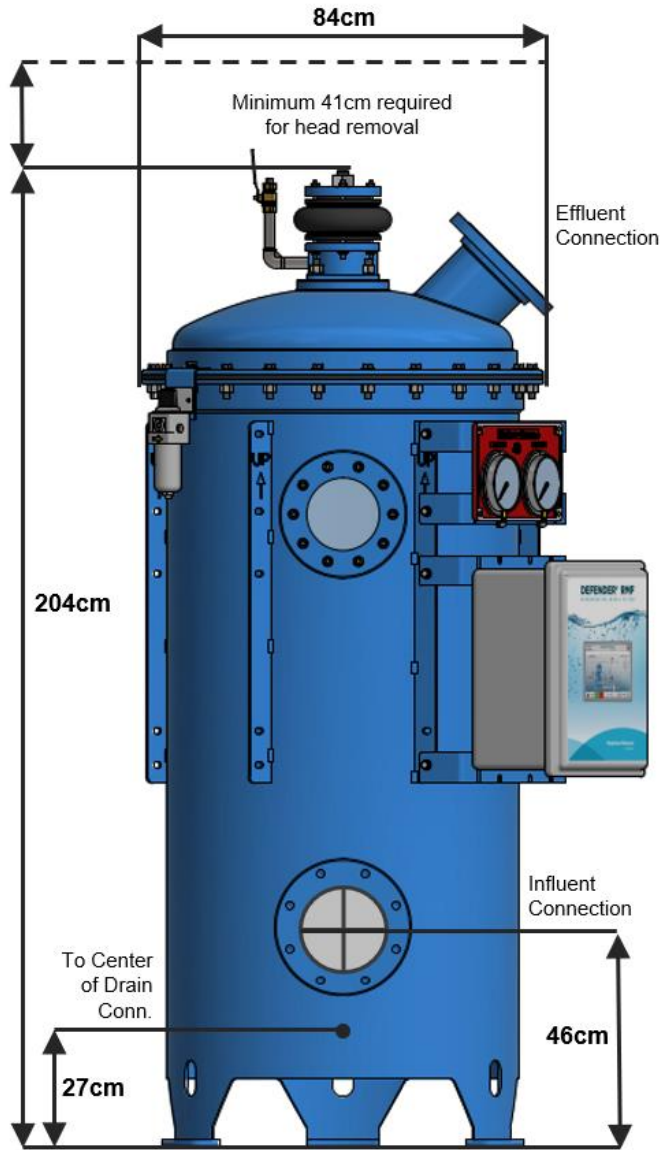


# Defender Assero® Regenerative Media Filter



## CAPACITIES & RATINGS

	Filter Area (m <sup>2</sup> )	Min Flow (m <sup>3</sup> /hr/m <sup>2</sup> )	Max Flow (m <sup>3</sup> /hr/m <sup>2</sup> )	Volume (m <sup>3</sup> )
SP-29-36-200	10.9	13.3	37.3	0.7
SP-29-36-250	13.6	16.6	46.5	0.7
SP-29-36-300	16.3	19.9	55.7	0.7
SP-29-36-350	19.0	23.2	65.0	0.7
SP-29-36-400	21.7	26.5	74.2	0.7
SP-29-36-450	24.5	29.8	83.4	0.7
SP-29-36-500	27.3	33.3	93.4	0.7

## CONNECTION SIZES & FOOTPRINT

	Inlet/Outlet (mm)	Drain (mm)	Footprint (m <sup>2</sup> )	Perlite (kg)
SP-29-36-200	80	80	0.9	4.0
SP-29-36-250	100	80	0.9	5.0
SP-29-36-300	100	80	0.9	6.0
SP-29-36-350	100	80	0.9	7.0
SP-29-36-400	150	80	0.9	8.0
SP-29-36-450	150	80	0.9	9.0
SP-29-36-500	150	80	0.9	10.0

## WEIGHTS

	Head (kg)	Head & Tubes (kg)	Shipping (kg)	Operating (kg)
SP-29-36-200	77	159	333	1,021
SP-29-36-250	77	166	340	1,027
SP-29-36-300	77	172	347	1,034
SP-29-36-350	77	179	354	1,041
SP-29-36-400	77	186	361	1,048
SP-29-36-450	77	193	367	1,055
SP-29-36-500	77	200	374	1,061

- Note 1: Installed height 204cm | Drain connection centerline 27cm  
 Note 2: Min/Max flow rates based on recommended filtration rate of 1.22-3.42 m<sup>3</sup>/hr/m<sup>2</sup>  
 Note 3: Consult Neptune Benson for applications outside recommended range  
 Note 4: All Defender Assero models NSF listed up to 4.89 m<sup>3</sup>/hr/m<sup>2</sup>  
 Note 5: Inlet & outlet connection sizes based on 3.0 mps max pipe velocity  
 Note 6: Perlite media volume produces 3mm cake for optimal performance  
 Note 7: Additional sizes of Defender® filters available in standard or reduced height



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