

ZeeWeed* 500S, 1M

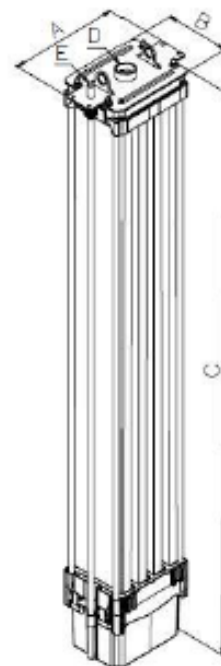
FACT SHEET

Single Module Cassette

Product Specifications

Description	Specification
Part Numbers	3149069 module with air skirt, o-ring, hardware; 3152499 header plate; 3150778 ZB500S Aerator Pipe
Nominal membrane surface area	27.9 m ² (300 ft ²)
Max shipping weight¹	34 kg (75 lb)
Lifting weight²	62 kg (137 lb)
Membrane material	PVDF
Nominal pore size	0.04 micron
Nominal fiber diameter	OD: 1.9 mm (0.07 in) ID: 0.8 mm (0.03 in)
Flow path	Outside-in
Surface properties	Non-ionic & Hydrophilic

¹ Packaged; ² Varies with solids accumulation



Cassette Dimensions & Connections

Depth (A)	Width (B)	Height (C)	Permeate (D)	Aeration (E)
355 mm (14 in)	217 mm (8.5 in)	1838.8 mm (72.4 in)	1 ½ in FNPT	1/2 in MNPT

Operating Parameters

Parameter	Description	Specifications	
		MBR	Drinking Water
Aeration	Instantaneous Air Flow	13.6 dm ³ /hr (8 dcfm) ³	6 dm ³ /hr (3.5 dcfm) ³
Operating conditions	TMP range	-55 to 55 kPa (-8 to 8 psi)	-90 to 90 kPa (-13 to 13 psi)
	Max temperature	40°C (104°F)	
	Operating pH	5.0 to 9.5	
Cleaning	Cleaning pH range (<30°C)	2.0 to 10.5 (max pH 10 from 30 to 40°C)	
	Max chlorine concentration	1000 ppm	

³ "d" indicates the flow of air delivered to the aeration skirt

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