

Ceramic SiC Flat Sheet

Silicon carbide flat-sheet module · submerged MBR and UF



Product overview

Recrystallized silicon carbide flat-sheet module for the hardest feeds: hydrophilic, oil-tolerant, solvent- and oxidant-stable, with real pressurized backwash in the submerged MBR format.

Key features

- Hydrophilic recrystallized SiC
- Pressurized backwash + maintenance CEB + recovery CIP
- Oil, solvent and oxidant tolerant
- Stacks up to 10 modules per tower (75 m²)
- BABA / AIS skid configuration available

Technical specifications

Parameter	Value	Unit
Module L × W × H	746 × 715 × 160	mm
Sheets per module	42	
Area per module	7.5	m ²
Dry weight	44.8	kg
Pore size	100	nm
Flux, municipal MBR	60	LMH
Flux, industrial MBR	40	LMH
Flux, submerged UF	150	LMH
Flux, oily / high hardness	100–120	LMH
Max suction	–0.6	bar
Max backwash	1.2	bar
Temperature	5–45	°C

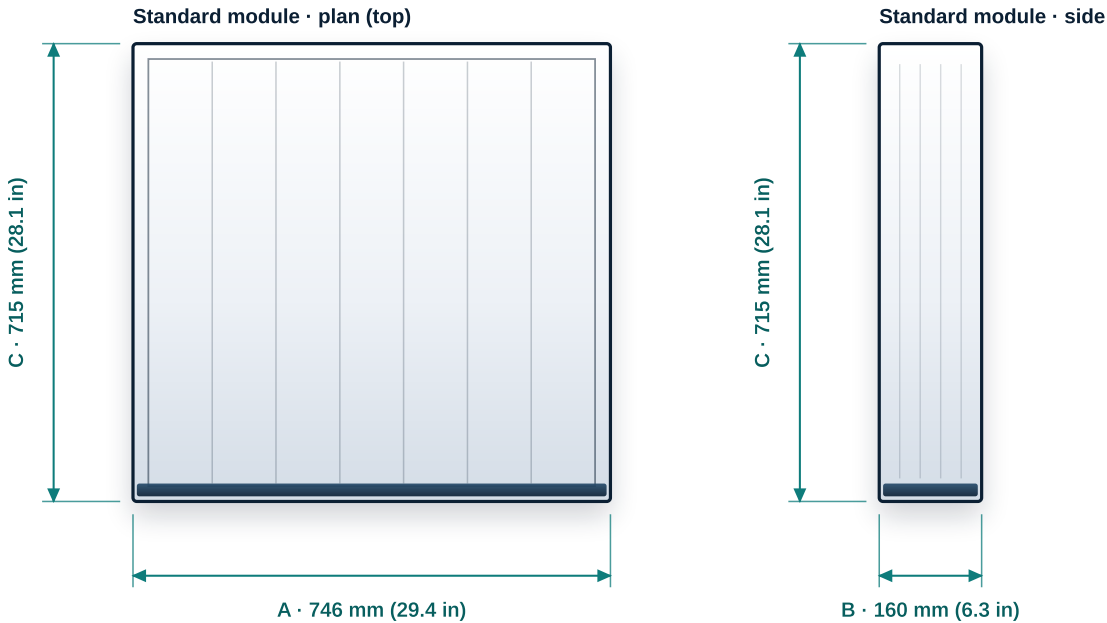
Manufacturer: Zyramic, Inc., Poughkeepsie, NY. Flux and capacity are Zyramic design values; your proposal sets the design point for your feed. Call 845-402-6318.

Ceramic SiC Flat Sheet

Ceramic SiC flat-sheet module drawing

Ceramic MBR and UF module dimensions

Standard SiC flat sheet module: 42 sheets, 7.5 m2, 44.8 kg (99 lb) net dry weight. Towers to 10 modules, 75 m2.



Overall dimensions for planning. A overall length, B overall width, C overall height. Certified dimensional drawings are issued with the project quotation and submittal package.
 Zyramic, Inc. www.zyramic.com