









A woman with long dark hair, wearing safety glasses and a dark green lab coat, stands in a laboratory. She is holding a clipboard and looking towards the right. The laboratory is filled with large, white, modular bioreactors. The interior of the bioreactors is illuminated with a bright red light, which is also reflected on the surrounding equipment and the woman's face. The background shows more of the laboratory setup, including a window and various control panels.

INDUSTRIAL PLANKTON™

Modular Seaweed Bioreactors
Technical Specifications

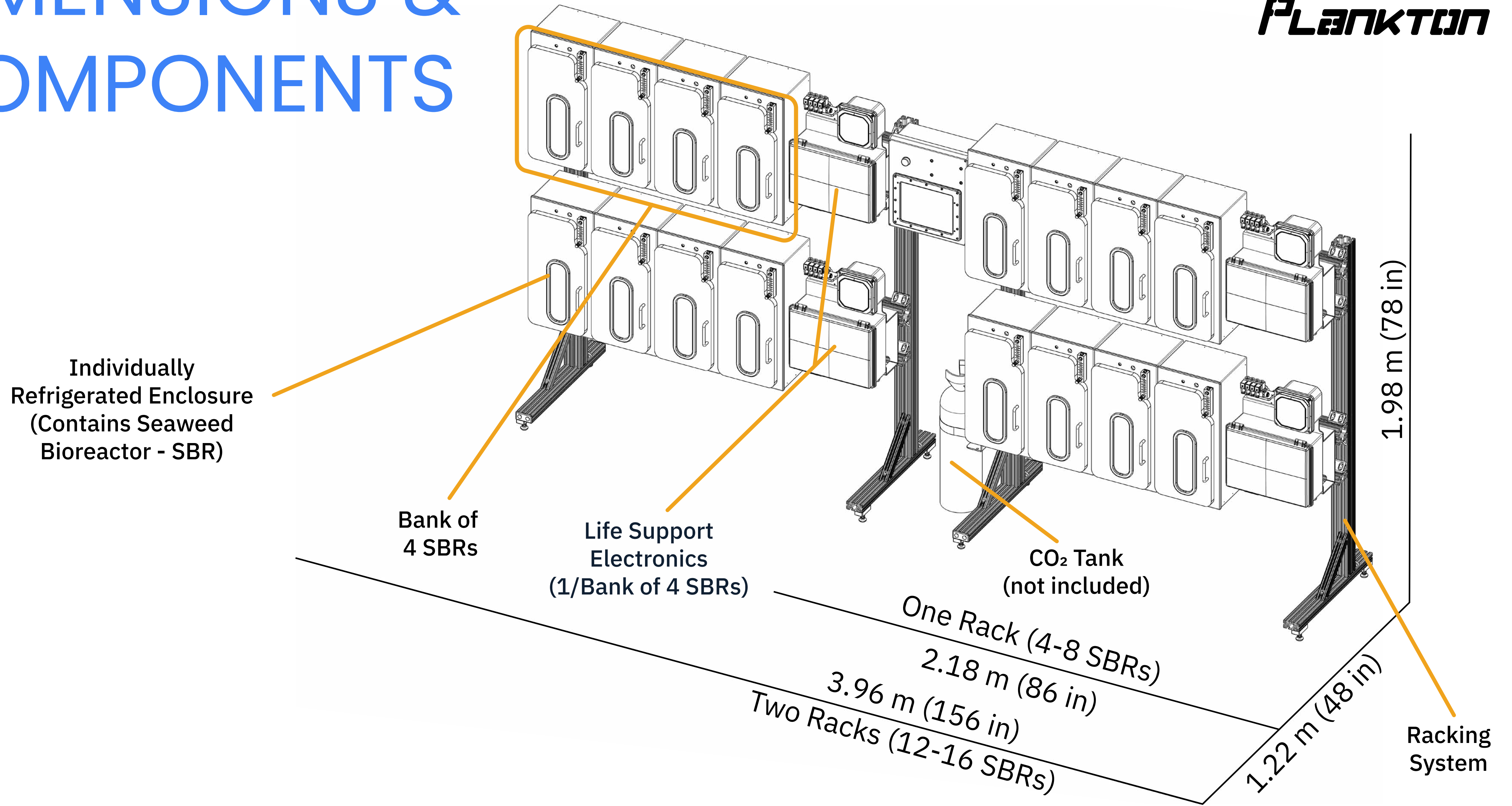
MODULAR DESIGN



-  Independently temperature-controlled enclosures
-  Spectrum and intensity controlled LEDs
-  Motorized blade for biosecure fragmentation
-  0.2 μm filtration for biosecure media and air exchange
-  Closed-loop pH control with automated CO₂ dosing
-  Autoclavable tank, lid, filters, and tubing
-  Real-time data logging and graphing
-  Web-based remote access

DIMENSIONS & COMPONENTS

Industrial[™]
PLANKTON



SPECIFICATIONS

Per 4-Bank of Bioreactors

**Industrial™
PLANKTON**

Volume	4 x 2 L (8 L total)
Max Power Consumption	1 kW
Max Heat Generation	3,400 BTU/hr
Avg. Power Consumption	600 W
Avg. Heat Generation	2,050 BTU/hr
Available Voltages (AC)	110-120 / 220-240 V
Available Frequencies	50 / 60 Hz

Contact us

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