

Product Overview

This technical overview supports the product-release checklist. Use this sheet to confirm engineering requirements and tolerances. Ensure all referenced standards are up to date. Below are the technical parameters and construction materials for the unit. Use this spec sheet to validate assembly instructions.

Product ID:	SB-140D
Internal No.:	PR-720

Prepared by: Laura Rossi | Approved by: Carlos Garcia | Date: 2024-07-17

Unit Type	Cooling Circulation System	Design Pressure	180 bar
Throughput	60 L/min	Supply Voltage	230 V / 50 Hz
Working Temp. Range	10°C to 55°C	Noise Level	≤ 70 dB(A)
Frame Material	Aluminum Frame	Reservoir Capacity	160 L

Ensure glossary terms match the engineering nomenclature. Ensure that the listed materials are approved for the application. All specifications meet the design requirements and industry standards. This closure note indicates the data sheet is ready for release. Data sheet has been peer-reviewed by the engineering team. All summary comments have been recorded in the revision log. Overall configuration is within defined design and safety margins.

Material of Construction:

Label	Composition
Fuse 5A	Ceramic Oxide
Power Switch	Polycarbonate + Copper
LED Light Strip	Glass-Filled Nylon
Capacitor 450V	Aluminum 6061-T6
Hex Bolts M12	Zinc-Plated Steel
Teflon Tape Roll	Teflon Tape Roll
Cooling Gel Pack	Silicone Rubber
Hinge Set	Stainless Steel 304