

# Product Overview

Please review the specifications and material composition listed below. This technical overview supports the product-release checklist. Use this sheet to confirm engineering requirements and tolerances. This data sheet provides key specifications and material details. This report extract is prepared for design-verification audits. Ensure all referenced standards are up to date.

Product ID:	FT-730X
Report No.:	PR-872

Prepared by: Jan Kowalski | Approved by: Laura Rossi | Date: 2024-12-02

Model Type	Cooling Circulation System	Design Pressure	250 bar
Flow Rate	48 L/min	Voltage	400 V / 50 Hz
Frame Material	Powder-coated Steel	Total Weight	250 kg
Reservoir Capacity	160 L		

Ensure that the listed materials are approved for the application. Use this summary to cross-check with BOM and inspection reports. Ensure glossary terms match the engineering nomenclature. Flag any missing parameters for urgent specification updates. Data sheet has been peer-reviewed by the engineering team. Material choices and process data have been verified for compliance. Check that all section headers follow the product template.

Material of Construction:

Part	Raw Material
Pressure Valve	Brass CZ121
Gasket Sheet A4	Nitrile Rubber (NBR)
Fuse 5A	Ceramic Oxide
Connector 2P	Glass-Filled Nylon
Hinge Set	Stainless Steel 304
O-Ring NBR 60mm	Nitrile Rubber (NBR)
Battery Pack	Lithium-Ion Cell Pack
Cooling Gel Pack	Silicone Rubber
Heat Sink ALU	Aluminum 6061-T6
Rubber Gasket 80mm	Nitrile Rubber (NBR)
Cable Tie Pack (100)	Nitrile Rubber (NBR)