

# Unit Data Specification

This technical overview supports the product-release checklist. This report extract is prepared for design-verification audits. Please review the specifications and material composition listed below. The following information outlines performance characteristics and design data. Use this spec sheet to validate assembly instructions.

Product ID:	RX-310Z
Document No.:	PR-662

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Configuration Type	Pneumatic Control Unit	Operating Pressure	300 bar
Flow Rate	75 L/min	Supply Voltage	480 V / 60 Hz
Oil Type	HLP 46	Battery Capacity	5 Ah
Pump Type	Vane Pump	Filtration	5 µm inline, 10 µm return

Confirm that all test conditions are accurately represented. Data sheet has been peer-reviewed by the engineering team. All specifications meet the design requirements and industry standards. Material choices and process data have been verified for compliance. Ensure that the listed materials are approved for the application.

Material of Construction:

Label	Composition
Wooden Pallet	Treated Pine Wood
Graphite Pad	Graphite Pad
Hex Bolts M12	Zinc-Plated Steel
O-Ring NBR 60mm	Nitrile Rubber (NBR)
Cooling Gel Pack	Silicone Rubber
Battery Pack	Lithium-Ion Cell Pack
Power Switch	Polycarbonate + Copper
Fuse 5A	Ceramic Oxide
Connector 2P	Glass-Filled Nylon
Teflon Tape Roll	Teflon Tape Roll
Capacitor 450V	Aluminum 6061-T6