

Product Data Sheet

Project:	CN-150C
Document No.:	8683463
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Location: Plant 2B | Date: 2024-05-21

All data entries are traceable to design revision history. Entries include both mechanical and electrical specifications. Refer to this configuration summary for unit-designation mapping. This technical overview supports the product-release checklist. Confirm that performance ranges comply with project requirements. This report extract is prepared for design-verification audits. Use this spec sheet to validate assembly instructions.

Model Type	Pneumatic Control Unit	Design Pressure	250 bar
Throughput	30 L/min	Voltage	400 V / 50 Hz
Noise Level	≤ 68 dB(A)	Oil Type	HLP 46
Protection Class	IP67	Working Temp. Range	5°C to 45°C
Charging Time	4 h	Reservoir Capacity	120 L
Cooling	Air-cooled oil radiator	Pump Type	Gear Pump
Control Valve	Proportional 4/2	Dimensions (LxWxH)	1200 x 700 x 1100 mm
Filtration	5 µm inline, 10 µm return	Battery Capacity	2 Ah
Mounting	Wall-mounted	Total Weight	250 kg

Use this summary to cross-check with BOM and inspection reports. Confirm that all test conditions are accurately represented. Ensure glossary terms match the engineering nomenclature. All summary comments have been recorded in the revision log. Refer to parameter table for operating ranges and tolerances. This closure note indicates the data sheet is ready for release.

Material of Construction:

Item	Base
Gasket Sheet A4	Nitrile Rubber (NBR)
Bearing 6202 ZZ	Stainless Steel 304
Hex Bolts M12	Zinc-Plated Steel
Rubber Gasket 80mm	Nitrile Rubber (NBR)
Teflon Tape Roll	Teflon Tape Roll
Pressure Valve	Brass CZ121
Battery Pack	Lithium-Ion Cell Pack
Power Switch	Polycarbonate + Copper
Thermal Fuse	Ceramic Oxide
Connector 2P	Glass-Filled Nylon
O-Ring NBR 60mm	Nitrile Rubber (NBR)