

## Component Overview

Project:	GL-980S
Report No.:	PR-411
Prepared By:	Carlos Garcia
Approved By:	Laura Rossi

Location: Plant 1C | Date: 2025-01-19

Unit Type	Pneumatic Control Unit	Design Pressure	180 bar
Flow Rate	75 L/min	Supply Voltage	480 V / 60 Hz
Protection Class	IP54	Total Weight	250 kg
Pump Type	Vane Pump	Working Temp. Range	5°C to 45°C
Service Interval	1000 h	Motor Power	5.5 kW
Cooling	Air-cooled oil radiator	Oil Type	HLP 68
Dimensions (LxWxH)	1000 x 650 x 1000 mm	Battery Capacity	10 Ah
Frame Material	Powder-coated Steel	Filtration	5 µm inline, 10 µm return
Control Valve	Directional 4/3	Noise Level	≤ 70 dB(A)

Material choices and process data have been verified for compliance. Overall configuration is within defined design and safety margins. This summary reflects the latest revision of the product data. Check that all section headers follow the product template. Use this summary to cross-check with BOM and inspection reports. Flag any missing parameters for urgent specification updates. Ensure glossary terms match the engineering nomenclature.

Material of Construction:

Part	Composition
Capacitor 450V	Aluminum 6061-T6
Rubber Gasket 80mm	Nitrile Rubber (NBR)
Gasket Sheet A4	Nitrile Rubber (NBR)
LED Light Strip	Glass-Filled Nylon
Support Foot Steel	Stainless Steel 304
Pressure Valve	Brass CZ121
O-Ring NBR 60mm	Nitrile Rubber (NBR)
Nut M6	Zinc-Plated Steel
Battery Pack	Lithium-Ion Cell Pack
Cooling Gel Pack	Silicone Rubber
Hinge Set	Stainless Steel 304
Graphite Pad	Graphite Pad