

Component Overview

This data sheet provides key specifications and material details. This technical overview supports the product-release checklist. Use this spec sheet to validate assembly instructions. The following information outlines performance characteristics and design data. Confirm that performance ranges comply with project requirements.

Product ID:	GH-770J
Report No.:	9588821

Prepared by: Peter Schmidt | Approved by: Peter Schmidt | Date: 2023-08-24

Configuration Type	Pneumatic Control Unit	Design Pressure	300 bar
Flow Rate	30 L/min	Voltage	400 V / 50 Hz
Total Weight	250 kg	Protection Class	IP67
Working Temp. Range	5°C to 45°C	Frame Material	Stainless Steel Frame

All specifications meet the design requirements and industry standards. Check that all section headers follow the product template. Refer to parameter table for operating ranges and tolerances. Ensure glossary terms match the engineering nomenclature. Flag any missing parameters for urgent specification updates. Archive this summary for future design-change management.

Material of Construction:

Item	Composition
Digital Display Unit	ABS Plastic
Hinge Set	Stainless Steel 304
Fuse 5A	Ceramic Oxide
Connector 2P	Glass-Filled Nylon
Capacitor 450V	Aluminum 6061-T6
LED Light Strip	Glass-Filled Nylon
Power Switch	Polycarbonate + Copper
Thermal Fuse	Ceramic Oxide
Battery Pack	Lithium-Ion Cell Pack
Steel Sheet A36	Carbon Steel A36
Heat Sink ALU	Aluminum 6061-T6
Gasket Sheet A4	Nitrile Rubber (NBR)