

## Component Overview

Use this sheet to confirm engineering requirements and tolerances. Below are the technical parameters and construction materials for the unit. Check that all material specs align with supplier certifications. This section details the configuration and parameter set for the product. The following information outlines performance characteristics and design data. Ensure all referenced standards are up to date. All data entries are traceable to design revision history.

Product ID:	XK-610U
Internal No.:	PR-930

Prepared by: Laura Rossi | Approved by: Laura Rossi | Date: 2023-11-15

Unit Type	Pneumatic Control Unit	Rated Pressure	180 bar
Fluid Flow	75 L/min	Voltage	400 V / 50 Hz
Cooling	Water-cooled exchanger	Charging Time	2 h
Frame Material	Stainless Steel Frame		

Confirm that all test conditions are accurately represented. Ensure that the listed materials are approved for the application. Refer to parameter table for operating ranges and tolerances. All specifications meet the design requirements and industry standards. Data sheet has been peer-reviewed by the engineering team. Use this summary to cross-check with BOM and inspection reports.

Material of Construction:

Part	Composition
Hinge Set	Stainless Steel 304
Nut M6	Zinc-Plated Steel
Connector 2P	Glass-Filled Nylon
Gasket Sheet A4	Nitrile Rubber (NBR)
Steel Sheet A36	Carbon Steel A36
Insulated Tube 25mm	Thermoplastic Polyurethane (TPU)
Wiring Loom 1m	PVC (Rigid)