

# Unit Data Specification

Check that all material specs align with supplier certifications. This report extract is prepared for design-verification audits. This technical overview supports the product-release checklist. This section details the configuration and parameter set for the product. Ensure all referenced standards are up to date. The following information outlines performance characteristics and design data. Use this spec sheet to validate assembly instructions.

Product ID:	AZ-300T
Document No.:	9566369
Prepared by: Anna Nowak   Approved by: Laura Rossi   Date: 2025-01-10	

Unit Type	Pneumatic Control Unit	Operating Pressure	210 bar
Fluid Flow	75 L/min	Supply Voltage	480 V / 60 Hz
Cooling	Water-cooled exchanger	Control Valve	Directional 4/3
Protection Class	IP67	Total Weight	230 kg

Ensure that the listed materials are approved for the application. Ensure glossary terms match the engineering nomenclature. Check that all section headers follow the product template. Archive this summary for future design-change management. This closure note indicates the data sheet is ready for release. All specifications meet the design requirements and industry standards. Flag any missing parameters for urgent specification updates.

Material of Construction:

Item	Base
Pressure Valve	Brass CZ121
Hinge Set	Stainless Steel 304
Rubber Gasket 80mm	Nitrile Rubber (NBR)
LED Light Strip	Glass-Filled Nylon
Bearing 6202 ZZ	Stainless Steel 304
Fuse 5A	Ceramic Oxide
Heat Sink ALU	Aluminum 6061-T6
Teflon Tape Roll	Teflon Tape Roll
Power Switch	Polycarbonate + Copper