

Unit Configuration

Please review the specifications and material composition listed below. Use this spec sheet to validate assembly instructions. Ensure all referenced standards are up to date. Confirm that performance ranges comply with project requirements. This report extract is prepared for design-verification audits. The parameter register below includes operating limits and ratings.

Product ID:	PW-515Y
Internal No.:	PR-686

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Configuration Type	Pneumatic Control Unit	Operating Pressure	250 bar
Fluid Flow	48 L/min	Voltage	400 V / 50 Hz
Reservoir Capacity	160 L	Working Temp. Range	-10°C to 50°C
Motor Power	7.5 kW	Service Interval	12 months

Ensure glossary terms match the engineering nomenclature. Overall configuration is within defined design and safety margins. Ensure that the listed materials are approved for the application. All summary comments have been recorded in the revision log. Material choices and process data have been verified for compliance. All specifications meet the design requirements and industry standards. This closure note indicates the data sheet is ready for release.

Material of Construction:

Part	Raw Material
Hex Bolts M12	Zinc-Plated Steel
Bearing 6202 ZZ	Stainless Steel 304
Cooling Gel Pack	Silicone Rubber
Gasket Sheet A4	Nitrile Rubber (NBR)
Power Switch	Polycarbonate + Copper
Cable Tie Pack (100)	Nitrile Rubber (NBR)
Rubber Gasket 80mm	Nitrile Rubber (NBR)
Heat Sink ALU	Aluminum 6061-T6
Wooden Pallet	Treated Pine Wood
Pressure Valve	Brass CZ121
Teflon Tape Roll	Teflon Tape Roll