

This data sheet provides key specifications and material details. Below are the technical parameters and construction materials for the unit. Entries include both mechanical and electrical specifications. Use this sheet to confirm engineering requirements and tolerances. Check that all material specs align with supplier certifications. Please review the specifications and material composition listed below. The parameter register below includes operating limits and ratings.

Product ID:	NE-245A
Report No.:	3304801
Prepared by: Peter Schmidt   Approved by: Jan Kowalski   Date: 2024-08-18	

Model Type	Pneumatic Control Unit	Design Pressure	210 bar
Fluid Flow	60 L/min	Operating Voltage	480 V / 60 Hz
Reservoir Capacity	120 L	Working Temp. Range	10°C to 55°C
Filtration	10 µm return, 25 µm suction	Protection Class	IP67
Oil Type	HLP 32		

Flag any missing parameters for urgent specification updates. All specifications meet the design requirements and industry standards. Refer to parameter table for operating ranges and tolerances. Archive this summary for future design-change management. All summary comments have been recorded in the revision log. Ensure that the listed materials are approved for the application. This summary reflects the latest revision of the product data.

Material of Construction:

Subcomponent	Base
Nut M6	Zinc-Plated Steel
Capacitor 450V	Aluminum 6061-T6
Pressure Valve	Brass CZ121
Hex Bolts M12	Zinc-Plated Steel
Battery Pack	Lithium-Ion Cell Pack
LED Light Strip	Glass-Filled Nylon
Cable Tie Pack (100)	Nitrile Rubber (NBR)
Cooling Gel Pack	Silicone Rubber
Steel Sheet A36	Carbon Steel A36
Support Foot Steel	Stainless Steel 304
O-Ring NBR 60mm	Nitrile Rubber (NBR)
Thermal Fuse	Ceramic Oxide