

TECHNICAL DATA SHEET

Doc No – Ab/TDS/Eqpt-247
Rev No: 06 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Aerovac- Oil Free Vacuum Pump

Valid for Catalog No. E11800, E11801, E11806

SRN (Single Registration Number): IN-MF-000022272

1. Description Specifications:

1.1 Description: Aerovac- Oil Free Vacuum Pump

1.1.1 ABDOS Aerovac Oil Free Vacuum Pump is a compact, lightweight and mobile oil-free piston Vacuum pump.

1.1.2 It features manual pressure control and a gauge for pressure monitoring.

1.1.3 The unit is maintenance-free, and its oil-free design reduces its environmental impact.

1.1.4 The pump can achieve flow rates of up to 52 L/min and an ultimate vacuum down to 13 mbar.

1.1.5 A wide range of optional accessories are available.

1.1.6 Application Areas: Abdos Vacuum Pump is useful for Biology laboratories, Food industry, Microbiological detection, Vacuum extraction, Liquid filtration, Vacuum drying, Suspended solids measurement.

1.2 Design: Aerovac- Oil Free Vacuum Pump

1.3 Performance Specifications:

Specifications	E11800	E11801	E11806
Voltage	220V	220V	220V
Frequency	50 Hz	50 Hz	50 Hz
Power	60W	80W	220W
Current	0.3A	0.4A	1.0A
Vacuum	100 mbar	100mbar	100mbar

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Rotation	1450 rpm	1450 rpm	1450 rpm
Weight	4.4 kg	5.4 kg	8.6 kg
Dimension WxDxH	272x142x165mm	310x152x165mm	340x185x195mm
Max. Flow Rate L/min	17	34	80
Noise Level	50dB	60dB	52dB

1.4 Material: Body – Aluminium

1.5 Color: Silver

1.6 Oil Free Vacuum Pump

Specifications	Product	Dimension
E11800	Aerovac 300	Vacuum: 100mbar; Max. Flow Rate: 17 L/min(220V)
E11801	Aerovac 400	Vacuum: 100 mbar; Max. Flow Rate: 34 L/min(220V)
E11806	Aerovac 800	Vacuum: 100 mbar; Max. Flow Rate: 80 L/min(220V)

1.7 Spare Accessories

Specifications	Product	Dimension
E11810	Connectors	Outlet diameter: 9.5mm
E11815	L-shape connector	Outlet diameter: 8mm
E11816	Quick connection outlet	Outlet diameter: 12mm
E11821	Silencer	Suitable for Aerovac300 / Aerovac400 / Aerovac410

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E11822	Silencer	Suitable for Aerovac600 / Aerovac610
E11823	Vacuum regulator/filter	Incl. pressure gauge
E11824	Vacuum regulator/filter	without pressure gauge
E11825	Foot Pedal	Suitable for Aerovac series vacuum pumps
E11826	FEP tubing	Outer diameter: 6mm, Inner diameter: 4mm, Thickness: 1 mm, Length : 1m
E11830	Silicon Tubing	Outer diameter: 12mm, Inner diameter: 6mm, Thickness: 3mm, Length : 1m

1.8 CE certified

1.9 Chemical resistance: see website (www.abdoslifesciences.com)

2.0 Intended use: Widely used in scientific studies of molecular biology, clinical chemistry, biochemistry and any type of scientific laboratory.

Warranty: 12 months from the date of Installation or 15 months from the date of Invoicing.

Instruction for Use

Storage temp. Max 30°C

Before using the product check crackness, etc.

Check all the information printed on pouches or boxes.

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WARNING

DO NOT store strong oxidizing agents.
DO NOT place any plastic labware in a flame.
DO NOT mix any chemicals that may result in a thermic reaction, which can cause product failure
Consult local fire codes prior to storage of flammable liquids.

Manufactured & Marketed By :
Abdos Labtech Private Limited

Plot No. 1 Lakshewari Bhagwanpur Roorkee 247667 (UK) India
For Complaints/Feedback Contact Customer Care at above address or
Ph.: +91-011-41081897 or Email us at labtech@abdosindia.com
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Quality Manager

Abdos Labtech Private Limited

Employee Code 30110



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