

Technical Data Sheet

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Aerovac- Oil Free Vaccum Pump

Valid for Catalog No. E11800, E11801, E11806

1. Description Specifications:

1.1 Description: Aerovac- Oil Free Vaccum 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 Vaccum 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 Vaccum 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
Vaccum	100 mbar	100mbar	100mbar
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



Abdos Labtech Private Limited
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(An ISO 9001,13485,14001,18385,GMP & CE certified company)
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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
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)

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.



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