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Find the *Edwards E-Lab-2* at our website: ***Click HERE***

product data

E-LAB 2 VACUUM PUMP



The E-LAB 2 pump includes all the components needed for laboratory applications such as those found in wet chemistry and sample preparation.

Based on Edwards proven past experience with vacuum pumps and developments in accessories, the E-LAB 2 pump allows continuous running, even in the presence of water and solvents.

FEATURES AND BENEFITS

- One part number covers all the pac kage
  - Easy to order and set up
- Unique high performance pump
  - Pumping speed and ultimate vacuum superior to diaphragm pumps
  - Good water vapour handling
- Quiet
  - 50 dB(A), less noisy than a typical diaphragm pump
- Integral fast-acting inlet valve
  - Holds system under vacuum in the case of power failure
- High efficiency mist filter
  - No oily smell. Complies with health and safety regulations
- Continuous oil return kit
  - Infrequent oil changes
  - Integral gas ballast
- Internal cartridge design
  - Easy to service

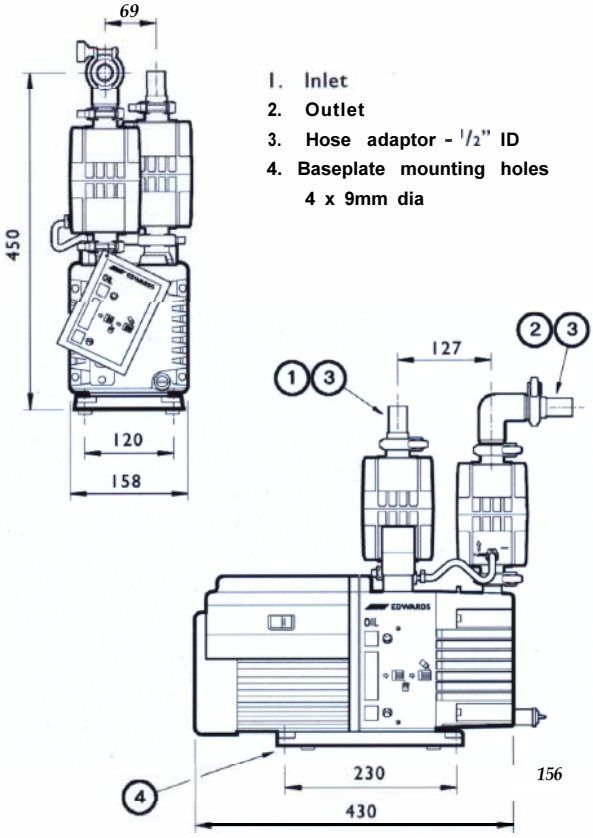
APPLICATIONS

- Rotary evaporators
- Centrifugal concentrators
- Vacuum ovens
- Distillation/extraction apparatus
- Fume hoods/glove boxes
- Vacuum filtration

EDWARDS

E-LAB 2 pump

Speed (Pneurop) (pump only)		
50 Hz	3.3 m^3h^{-1}	1.9 cfm
60 Hz	3.9 m^3h^{-1}	2.3 cfm
Ultimate total pressure	0.1 mbar	0.09 torr
Noise	50 dB(A)	
Maximum inlet pressure for water vapour	40 mbar	30 torr
Maximum water vapour pumping rate		
50 Hz	95 gh^{-1}	0.21 lbh^{-1}
60 Hz	110 gh^{-1}	0.24 lbh^{-1}
Outlet max. permitted pressure	1 bar (gauge)	
Inlet/exhaust connections	1/2" id hose adaptor	
Dimensions (WxDxH) (pump only)	158 mm x 430 mm x 221 mm	
	6.22 in x 16.90 in x 8.86 in	
Mass (pump only, no oil)	22 kg	48 lb
Type of oil	Edwards Ultragrade 19	
Oil capacity		
Maximum	0.70 litres	
Minimum	0.42 litres	
Electrical supply		
A652-07-903 and A652-07-906	110-120 V or 220-240 V 1 ph 50/60 Hz	
A652-07-904	100/200 V 1 ph 50/60 Hz	
Mist filter oil trapping efficiency	99.999%	
Inlet trap capacity	0.1 litres	



1. Inlet
2. Outlet
3. Hose adaptor - 1/2" ID
4. Baseplate mounting holes 4 x 9mm dia

ORDERING INFORMATION

Product description	*Ordering number*
E-LAB 2 set to 220-240 V	A652-07-903
E-LAB 2 set to 110-120V	A652-07-906
E-LAB 2 (100/200 V 1 ph 50/60 Hz)	A652-07-904
Line cord set (A652-07-903 version)	
UK plug	A505-05-000
N Europe plug	A505-06-000

SCOPE OF SUPPLY

The E-LAB 2 pump includes outlet mist filter, oil return kit, inlet trap, oil change tag, nozzles, elbow, all fittings, 1 litre oil, instruction manual, line cord set (except for the -903 version. This needs the appropriate line cord set ordered separately).

Specifications may change without notice

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EDWARDS

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