Composites Vacuum Pump
ECVP425 & ECVP4300

Compact, durable and great value composites vacuum pump suitable for most small to medium composites tasks including vacuum bagging, resin infusion and bonding/veneering.

Our ECVP425 is an indispensable piece of equipment in any workshop or studio using composite materials.

The pump pulls the very high 99.995% vacuum necessary for composites processes such as resin infusion and pre-preg laminating but it can also be used for traditional vacuum bagging and vacuum bonding/veneering.

Used in conjunction with a degassing chamber (such as our DC26) this smaller throughput pump would empty a 26L chamber in around 4 minutes making it suitable for degassing less reactive materials such as silicone rubber or slow curing casting resins.

ECVP425

- Suitable Applications
  - Vacuum degassing
  - Vacuum bagging
  - Resin infusion
  - Resin transfer moulding (RTM/RTM Light)
  - Pre-preg / autoclave use
  - Vacuum pressing (sandwich panels)
  - Veneering

- Model
  - ECVP425 (Small Pump)
  - ECVP4300 (Large Pump)

- Free Air Displacement
  - ECVP425: 42.5L/m
  - ECVP4300: 430L/m

- Ultimate Vacuum
  - ECVP425: 99.995% 25 micron
  - ECVP4300: 99.995% 25 micron

- Voltage
  - ECVP425: 110/220v (Switchable) ~50/60hz
  - ECVP4300: 110/220v (Switchable) ~50/60hz

- Power
  - ECVP425: 185w 0.25HP
  - ECVP4300: 745w 1HP

- Oil Capacity
  - ECVP425: 180ml 6fl oz
  - ECVP4300: 600ml 20fl oz

- Weight
  - ECVP425: 8kgs 17lb
  - ECVP4300: 16kg 35lb

- Dimensions (L,W,H)
  - ECVP425: 275 x 120 x 220mm
  - ECVP4300: 390 x 140 x 270mm

ECVP4300

High throughput, durable and great value composites pump recommended for rapid or frequent degassing operations but also suitable for a full range of composites applications.

This very high capacity composites vacuum pump has a large 12CFM (cubic feet per minute) throughput meaning it can empty a typical 26L degassing chamber (like our DC26) in around 21 seconds making it suitable for degassing the most reactive of materials.

Like the smaller ECVP425, the ECVP4300 also pulls the full 99.995% vacuum required for resin infusion and pre-preg laminating. The pump can also be used for vacuum bagging, RTM lite and vacuum bonding/veneering use.

Suitable Applications

- Vacuum degassing
- Vacuum bagging
- Resin infusion
- Resin transfer moulding (RTM/RTM Light)
- Pre-preg / autoclave use
- Vacuum pressing (sandwich panels)
- Veneering

Price

ECVP425
Compact 1.5CFM vacuum pump for general composites use.

ECVP4300
High capacity 12CFM vacuum pump recommended for vacuum degassing.

Contact Information

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