



Oil-Free / Dry

PTFE Diaphragm Vacuum Pump



Innovac 40

Innovac 20

Innovac

| |
|--------------------|
| Max Flow |
| 38 l/min & 20l/min |
| Max Vacuum |
| 8.0 mbar abs |
| Max Pressure |
| n/a |

Contamination free vacuum

Two models Innovac 20 and 40 are the first in a new family of dry vacuum pumps designed for use with corrosive gases and vapours. The oil free design of the pump both eliminates the risk of process contamination and the difficulty in disposing of waste lubricants found in other pump types.

Fully corrosion resistant

The construction materials ensure that the Innovac is fully chemical resistant to virtually all gases and solvent vapours. PTFE, Kalrez and PVDF are used for all wetted components, being the most chemically inert materials available.

Reliability and long life

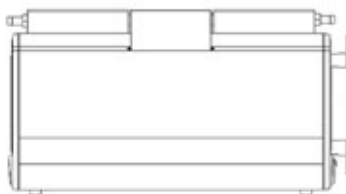
Answering to the needs of the real-life laboratory user Innovac offers class-leading performance levels with sleek ergonomic design. At the heart of the Innovac is a unique "composite bond" diaphragm system which is the secret to its extended life and remarkably low cost of ownership.

Exceptional laboratory pump

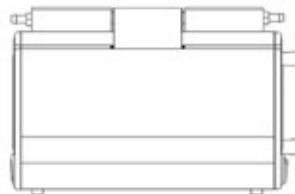
Clever features abound to make the users life easier. Innovac features a tough alloy case with unique "T-Slot" rails for quick easy mounting of necessary attachments such as vapour traps or condensers. The flush-folding carry handle provides stowage for the pump service tool and conceals a handy hour meter, which can monitor process times.

Application ideas

Application ideas include laboratory bench top use for filtration, rotary evaporation and gel drying.

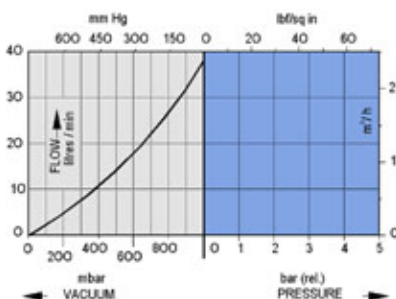


Innovac 40 double ended pump

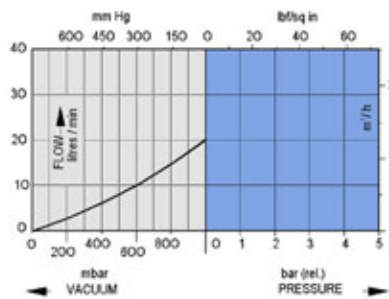


Innovac 20 double ended pump

Innovac 40



Innovac 20



Innovac

Motor Type:

Permanent Capacitor with shielded ball race bearings throughout, enclosed fan. 1400 RPM @ 50Hz
Thermal Protection 140°C
Maximum ambient temperature 40°C

| model no. | 110/115V 50/60Hz | | | 230V 50Hz | | |
|------------|-------------------|-----------|-------------|-------------------|-----------|-------------|
| | operating current | max. load | fuse rating | operating current | max. load | fuse rating |
| Innovac 20 | 1.8A | 1.8A | 3.0A | 0.6A | 0.6A | 2.0A |
| Innovac 40 | 2.0A | 2.0A | 5.0A | 1.0A | 1.0A | 3.0A |

Performance:

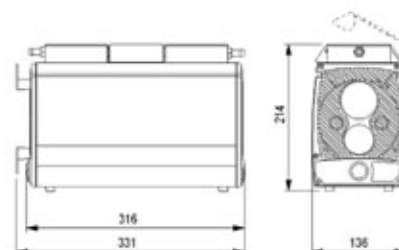
| model no. | max. free flow l/min | max. vacuum mbar (abs) |
|------------|----------------------|------------------------|
| Innovac 20 | 20.0 | 8.0 |
| Innovac 40 | 38.0 | 8.0 |

Connectors:

Horizontal, barbed, 8.0mm OD PVDF

Innovac 20 8.5kg

dimensions: mm

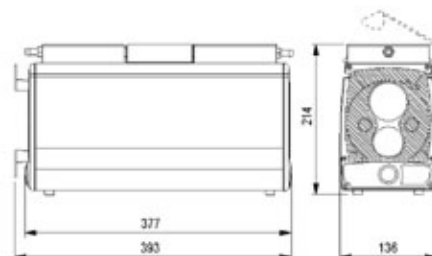


Pump Materials:

Pump components are specified to give maximum corrosion resistance.

| component | standard |
|---------------------|----------|
| Head | PTFE |
| Diaphragm | PTFE |
| Valves | Kalrez |
| O-Rings | PTFE |
| Connectors / Tubing | PVDF |

Innovac 40 11.6kg



distributed by:

Please note that it is important that you ensure the motor specification stated and the range of materials offered in the pump are compatible with the performance, environmental limitations and chemical resistance of the application.

For further information or details of our extensive range of diaphragm pumps, contact our technical sales office who will be pleased to help you select the most suitable pump for your application.

S30-230/1