



# RP12

## Oil-Free - Rocking Piston Pump

- ✓ Max flow: 12 litres per minute
- ✓ Max vacuum: 200 mbar
- ✓ Max pressure: 6 bar

### Oil free, low maintenance pumping

Utilising state of the art rocking piston technology, the RP12 oil free compressor provides a source of clean, compressed air at up to 6 bar without the need for oil mist filters or regular maintenance.

### Adaptability and long life

Designed for continuous duty, the RP12 incorporates a long life PTFE piston seal capable of more than 10,000 hours running time under pressure loads of up to 6 bar. A wide variety of motor types and voltages are available including a brushless DC unit featuring on-board electronics, reduced size, up to 20,000 hours life, low electrical noise and optional motor speed control.

### Quiet, compact and lightweight

Designed for applications where size and weight need to be minimised, the RP12 features lightweight components, slimline design and alternative head orientations to suit both portable and compact fixed installations.

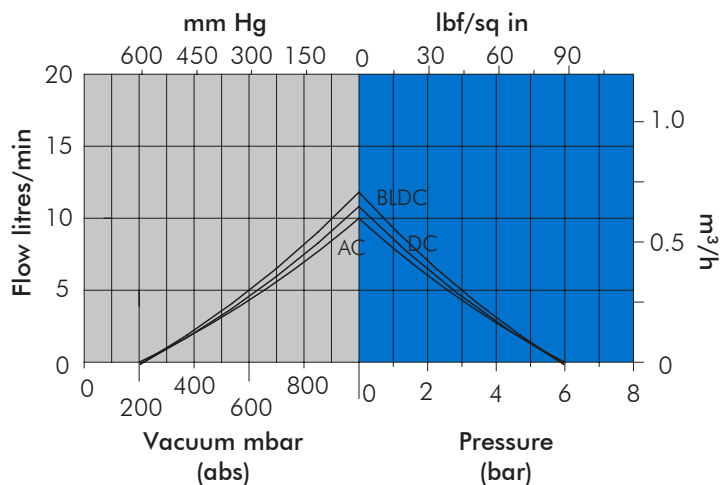
### Application Ideas

Inkjet printing  
Instrument calibration  
Humidification systems  
Medical cuff inflation  
Pneumatic valve  
operation



# RP12

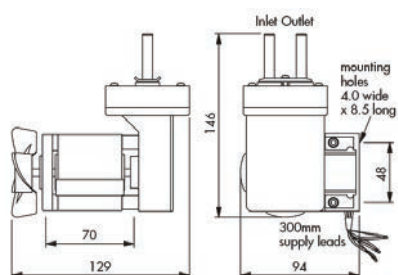
Oil-Free - Rocking Piston Pump



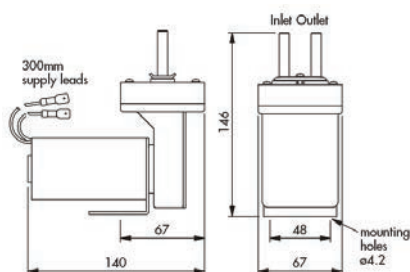
Model no.	Performance		
	Flow (l/min)	Vacuum (mbar)	Pressure (bar)
RP12 AC	10.0	200	6.0
RP12 DC	11.0	200	6.0
RP12 BLDC	12.0	200	6.0

## Dimensions (mm)

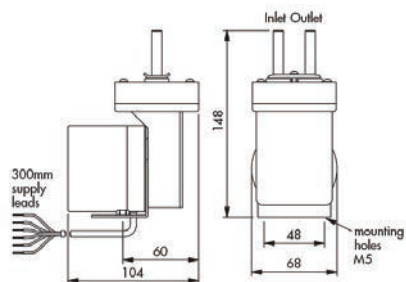
### RP12 AC 1.75kg



### RP12 DC 1.1kg



### RP12 BLDC 1.0kg



Voltage	RP12		
	Operating Current	Max. Load	Fuse Rating
230V 50Hz	0.5A	0.6A	1.0A
110V 50Hz/60Hz	1.1A	1.4A	2.0A
12V DC	2.0A	3.0A	4.0A
24V DC	1.0A	1.5A	2.0A
24V BLDC	0.7A	1.4A	2.0A

Component	Pump Materials
	Standard
Head Cylinder	Hard anodised aluminium
Piston Seat	PTFE
Connectors	Stainless steel
'O' rings, valves	Viton

## Connections

Plain, vertical, stainless steel 8.0mm OD  
Optional: plain, vertical, stainless steel 6.0, 6.4 mm OD

Please note - 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 requirements of the application.

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

S30-232/3

Charles Austen  
Pumps Ltd

