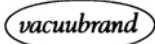


Pumps, Vacuum

Vacuum Pumps



A range of high performance quiet running rotary vane pumps.

- ◆ Simple maintenance and servicing including oil draining
- ◆ Integral gas ballast valve
- ◆ Gas tight with O-ring sealing and double shaft seal

| Catalogue No. | PY850-15 | PY850-40 | PY850-55 | PY850-80 |
|---|------------------------------|------------------------------|------------------------------|------------------------------|
| Model | RE2.5 | RE6 | RZ2.5 | RZ6 |
| Stages | 1 | 1 | 2 | 2 |
| Ultimate vacuum, without gas ballast | | | | |
| mbar | 3×10^{-1} | 1×10^{-1} | 2×10^{-3} | 2×10^{-3} |
| Ultimate vacuum, with gas ballast | | | | |
| mbar | 8×10^{-1} | 6×10^{-1} | 1×10^{-2} | 1×10^{-2} |
| Max. tolerable water vapour intake pressure | | | | |
| mbar | 40 | 40 | 40 | 40 |
| Displacement | $2.3 \text{ m}^3/\text{h}^*$ | $5.7 \text{ m}^3/\text{h}^*$ | $2.3 \text{ m}^3/\text{h}^*$ | $5.7 \text{ m}^3/\text{h}^*$ |
| Inlet flange | NW16 | NW16 | NW16 | NW16 |
| Outlet nozzle | 10 | 10 | 10 | 10 |
| Oil capacity | 0.51 | 0.93 | 0.28 | 0.73 |
| Overall height | 190 | 207 | 190 | 207 |
| width | 125 | 142 | 125 | 142 |
| depth | 316 | 370 | 316 | 370 |
| Weight | 10.2 | 15.4 | 11.4 | 16.4 |

*Running on 50Hz supplies, add $0.5 \text{ m}^3/\text{h}$ for 60Hz supplies.

Vacuum Pumps, Vacuubrand

As described. With direct drive motor, overload cut-out inlet, centring and clamping rings. For 230V 50/60Hz single phase supplies.

- PY850-15** Model RE2.5
- PY850-40** Model RE6
- PY850-55** Model RZ2.5
- PY850-80** Model RZ6



PY850

Oil Mist Filter

With pressure relief valve and disposable filter element.

- PY856-40** Oil mist filter for all models
- PY856-42** Disposable filter element for PY856-40

Condensate Catch-Pots

For removing condensate in the suction line. With drain.

- PY856-60** For RE2.5 and RZ2.5 pumps
- PY856-64** For RE6 and RZ6 pumps

Inlet/Outlet Components

- PY858-12** Clamping ring DN10/16
- PY858-14** Centring ring DN10/16
- PY858-26** Nozzle adapter for DN16 flange. Accepts 10mm bore vacuum hose

Pump oil – see PY417 series.

Digital Vacuum Gauges

Vacuum Gauge, Piezo Resistive

Ranges 1 to 1080mbar (hPa), 1 to 810 torr. Accuracy $\pm 1 \text{ mbar}$ ($\pm 0.75 \text{ torr}$) ± 1 digit. Analogue and digital display, with trend indication and selectable readout in either mbar, hPa or torr. With integrated pressure transducer for long term stability and corrosion resistance, NW16 vacuum connection and screw in, stepped nozzle for 6 to 10mm i.d. vacuum tubing. Overall 115 x 115 x 66mm L x W x H. Weight 0.4kg. Powered by 1 x 9V alkaline battery.

- PY940-20** Digital Vacuum Gauge, DVR2pro
- BL610-25** 9V PP3 battery, spare

Vacuum Gauge, Pirani

Range 1000 to 10^{-3} mbar , 750 to 10^{-3} torr ; accuracy $\pm 15\%$ of displayed value within 100 to 10^{-2} mbar range. Analogue and digital display with trend indication, 32000 reading datalogger and RS232 interface. Overall 115 x 124 x 138mm H x W x D. Weight 0.44kg. Supplied with DN10/16 connection, separate Pirani gauge head on a 2 metre lead and 24V d.c. communication system. For 100-230V 50/60Hz single phase supplies.

- PY940-55** Vacuum gauge, DCP3000 + VSP3000



PY940-20



PY940-55