



RL-4

Item Number 4661741

The lightweight workhorse among the high-performance vacuum pumps in the REFCO range. High-quality components and sophisticated technology maintain the high performance of the two-stage rotary vane pump even under maximum load, so that the desired deep vacuum is reached faster.

Send in your used pump: we will overhaul it at a flat rate! Thus your vacuum pump purchase becomes a long-term investment in a quality tool!

- Low weight and highest quality thanks to the use of high-quality materials
- Gas ballast valve
- Internal oil circulation for optimum lubrication
- Easy reading of the optimum oil level (sight glass middle)
- Large oil filler neck for easy and clean filling of oil
- Special filter reduces oil mist at the blow-out nozzle
- Stable and ergonomic handle
- Integrated on/off switch against damage and unintentional operation

Technical Data

| | |
|------------------------|---|
| Material | Steel Polypropylene |
| Colour | yellow (RAL 1023) green (RAL 6026) |
| Standards | EN 60335-1 EN 60034-1 EN 1012-2 EN ISO 12100 |
| RoHS Conformity | 1 |
| RoHS Conformity | Yes |
| Gas Connection | 1/4" SAE 3/8" SAE |
| Flow Rate | 65 l/min |

Acknowledged globally



| | |
|-------------------------|---------------|
| End Vacuum | 15 micron |
| Voltage | 220 - 240 VAC |
| Frequency | 50 / 60 Hz |
| Protection Class | I |
| Oil Tank Volume | 250 ml |
| Rotational Speed | 2,400 rpm |
| Packaging | Cardboard box |
| Number of Stages | 2 |

Accessories

| | | |
|---------|------------------------|--|
| 4688291 | REFVAC-RC | Wireless digital vacuum gauge connection 1/4"SAE male, Units: Micron, mbar, Pa, Torr, mTorr, psi and inHg |
| 4663981 | RL-VAC | Vacuum gauge set 1/4" SAE with ball valve for vacuum pumps |
| 9882473 | 19800-SV | Vacuum gauge, ø 80 mm, 1/8" NPT with safety valve, recalibratable, scale: 1'000 - 0 mbar |
| 9882474 | 19801 | Vacuum gauge, ø 100 mm, 1/2" G with safety valve class: 1.0, adjustable, scale: 1'000 - 0 mbar, with marking pointer |
| 9882476 | 19621 | Absolute vacuum gauge, ø 100 mm, 1/2" G incl. adapter 1/4" SAE, class: 1.6, scale: 150 - 0 mbar, with overpressure protection |
| 4688477 | VCL-60-3/8"SAEx1/4"SAE | Vacuum hose 3/8" SAE x 1/4" SAE, 60"/150cm |
| 4688820 | VCL-60-1/4"SAEx1/4"SAE | Vacuum hose 1/4" SAE x 1/4" SAE, 60"/150cm |
| 4687411 | HCL6-60-Y-N-3/8x1/4 | Special suction and charging hose, yellow, 60"/150cm Inner diameter: 9.5mm (3/8"), connections: 3/8" SAE + 1/4" SAE, without core depressor, with neoprene gaskets |
| 4687412 | HCL6-60-Y-N-1/4x1/4 | Special suction and charging hose, yellow, 60"/150cm Inner diameter: 9.5mm (3/8"), connections: 2 x 1/4" SAE, without core depressor, with neoprene gaskets |
| 4495340 | DV-44 | Vacuum pump oil, 250ml viscosity 46 mm ² /s at 40 °C |
| 4495323 | DV-46-Y | Vacuum pump oil, 1l viscosity 46 mm ² /s at 40 °C |
| 4495331 | DV-48 | Vacuum pump oil, 5l viscosity 46 mm ² /s at 40 °C |

| | | |
|---------|-------------|--|
| 4503376 | P-17-S-0,25 | Esteroil for vacuum pumps, 250ml viscosity 30.7 mm ² /s at 40°C |
| 4503384 | P-17-S-1 | Ester oil for vacuum pumps, 1l viscosity 30.7 mm ² /s at 40°C |

Spare Parts

| | | |
|---------|---------------|--|
| 4668427 | RL-4-1000 | Gasket set |
| 4496788 | RL-4-8.9 | Set of vanes for RL-4 |
| 4507674 | RL-4-3000 | Oil basin complete with gasket |
| 4507682 | RL-4-3011 | Oil sight glass with gasket + counter nut |
| 4496761 | RL-4/8-57.58 | Oil drain plug with gasket |
| 4687734 | RL-2/4-59 | Oil mist filter with gasket |
| 4507623 | RL-2/4/8-60 | Gas ballast valve |
| 4668053 | RL-4/8-61 | Elbow 3/8" NPT |
| 4661066 | RL-4-66/2 | Set of 2 capacitor |
| 4661474 | RL-4-69.70 | Housing complete |
| 4496770 | RL-2/4/8-71 | Switch |
| 4509219 | RL-2/4/8-74 | Power cable for RL vacuum pumps |
| 4675598 | RL-2/4-4071/4 | Rubber pad set, 4 pieces |
| 4663336 | RL-4-307-RS | Intake port with backflow prevention for RL-4 connections 1/4" SAE + 3/8" SAE |
| 4661954 | RL-4-2A | vacuum stage overhauled complete with gasket |