

## Rotary Vane High Vacuum Pumps

The new (updated) JL range of two stage high vacuum pumps achieves practical vacuums as low as one micron. The proven robust construction makes them suitable for all laboratory applications especially rotary evaporation and refrigerated cold traps (freeze driers).

All the pumps in the range have *anti suck back* and *gas ballast*. The larger models incorporate an air admittance isolation valve. This allows vacuum to be held in a system in the event of power failure.

For very aggressive applications the "T" (Teflon coated) series is available. The "T" series has all it's internal components, including the casings coated in Teflon. This helps protect the metal from chemical attack especially if oil has become seriously contaminated.



### JL-2.5 Rotary Vacuum Pump

|                               |       |        |
|-------------------------------|-------|--------|
| Displacement                  | m3/hr | 2.5    |
| Ultimate vacuum               | m/bar | 1x10-3 |
| Max water vapour pumping rate | Kg/hr | 0.02   |
| Motor power 50hz              | watt  | 250    |
| Voltage                       | volts | 240    |
| Suction fitting               | ISO   | KF16   |
| Weight                        | Kg    | 11.5   |
| Pt/No (STANDARD)              | VL402 |        |
| Pt/No (TEFLON COATED)         | VT402 |        |



### JL-5 Rotary Vacuum Pump

|                               |       |        |
|-------------------------------|-------|--------|
| Displacement                  | m3/hr | 5      |
| Ultimate vacuum               | m/bar | 5x10-4 |
| Max water vapour pumping rate | Kg/hr | 0.04   |
| Motor power 50hz              | watt  | 375    |
| Voltage                       | volts | 240    |
| Suction fitting               | ISO   | KF25   |
| Weight                        | Kg    | 18     |
| Pt/No (STANDARD)              | VL752 |        |
| Pt/No (TEFLON COATED)         | VT752 |        |



### JL-10 Rotary Vacuum Pump

|                               |       |        |
|-------------------------------|-------|--------|
| Displacement                  | m3/hr | 10     |
| Ultimate vacuum               | m/bar | 5x10-4 |
| Max water vapour pumping rate | Kg/hr | 0.07   |
| Motor power 50hz              | watt  | 550    |
| Voltage                       | volts | 240    |
| Suction fitting               | ISO   | KF25   |
| Weight                        | Kg    | 19     |
| Pt/No (STANDARD)              | VL152 |        |
| Pt/No (TEFLON COATED)         | VT152 |        |



### JL-18 Rotary Vacuum Pump



|                               |       |        |
|-------------------------------|-------|--------|
| Displacement                  | m3/hr | 18     |
| Ultimate vacuum               | m/bar | 5x10-4 |
| Max water vapour pumping rate | Kg/hr | 0.1    |
| Motor power 50hz              | watt  | 550    |
| Voltage                       | volts | 240    |
| Suction fitting               | ISO   | KF25   |
| Weight                        | Kg    | 21     |
| Pt/No (STANDARD)              | VL302 |        |
| Pt/No (TEFLON)                | VT302 |        |

### CC-31L Rotary Vacuum Pump

|                     |         |        |
|---------------------|---------|--------|
| Displacement        | ltr/min | 36     |
| Ultimate vacuum     | m/bar   | 5x10-3 |
| Motor power 50hz    | watt    | 250    |
| Voltage             | volts   | 240    |
| Suction fitting     | hose    | 6mm    |
| Weight              | Kg      | 9.8    |
| Oil Mist Eliminator |         | Fitted |
| Pt/No               | CC-31L  |        |



### CC-141L



|                     |         |        |
|---------------------|---------|--------|
| Displacement        | ltr/min | 132    |
| Ultimate vacuum     | m/bar   | 5x10-3 |
| Motor power 50hz    | watt    | 370    |
| Voltage             | volts   | 240    |
| Suction fitting     | hose    | 8mm    |
| Weight              | Kg      | 12     |
| Oil Mist Eliminator |         | Fitted |
| Pt/No               | CC-141L |        |



### Shark-Lab

|                     |            |        |
|---------------------|------------|--------|
| Displacement        | ltr/min    | 150    |
| Ultimate vacuum     | m/bar      | 1x10-3 |
| Motor power 50hz    | watt       | 370    |
| Voltage             | volts      | 240    |
| Suction fitting     | hose       | 14mm   |
| Weight              | Kg         | 12     |
| Oil Mist Eliminator |            | Fitted |
| Pt/No               | VNR-152-2L |        |



# Vacuum Pumps