

Pump, vacuum and pressure



Technical Specification

| | |
|----------------------------|------------------------------------------------|
| Vacuum, mbar | 813 (24 in. Hg) (max.) |
| Pressure, bar | 2.45 (35psig) (max.) |
| Flow rate, L/min | 37 (1.3 CFM) |
| Materials of construction | Cast aluminium (pump head, housing, regulator) |
| Connections | 1/4 inch stepped hose barb |
| Dimensions [w x d x h], mm | 178 x 178 x 203 |
| Mass, kg | 4.1 |
| Electrical supply | 220V, 50Hz |

| Catalogue No | Legacy No | Alt. No | Description |
|--------------|-----------|-----------|--------------------|
| 10052433 | - | WP6122050 | Chemical duty pump |



Pumps, vacuum and pressure, oil free



WELCH-ILMVAC

For standard duty filtration, desiccation, vacuum ovens, vacuum chambers and gas sampling.

- Reliable dry vacuum pumps and vacuum/pressure stations for physical and aqueous vapour applications
- Compact, rugged design
- Economical with exceptional performance to price ratio
- Fast oil free pumping
- Accessorised ready for use with regulator, gauge and catch pot

Wob-L piston pumps are supplied with standard features that would normally appear as expensive extras. All pumps have gauges, regulators and catch pots fitted, ready to use from the box.

A range of commonly chosen flow and vacuum characteristics are shown. Other configurations can be provided on request.

Technical Specification - Specific

| | 10060322 | 11708741 | 10279701 | 10107851 |
|-----------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Free air displacement, L/ min [m³/ bar] | 28 | 38 | 57 | 83 |
| Vacuum, mbar | 93 | 80 | 10 | 80 |
| Pressure, bar | 5.8 | 5.2 | N/A | N/A |
| Configuration | Vacuum regulator, gauge and catch pot Pressure regulator, gauge and catch pot | Vacuum regulator, gauge and catch pot Pressure regulator, gauge and catch pot | Vacuum regulator, gauge and catch pot | Vacuum regulator, gauge and catch pot |
| Mass, kg | 5.3 | 5.3 | 7.4 | 7.4 |
| Dimensions [w x d x h], mm | 206 x 224 x 254 | 206 x 224 x 254 | 381 x 254 x 254 | 381 x 254 x 254 |

Technical Specification - General

| | |
|-------------------|---------------|
| Electrical supply | 230V, 50/60Hz |
|-------------------|---------------|



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For vacuum ovens, see pages 1018 to 1019



| | Catalogue No | Legacy No | Alt. No | Description |
|---|--------------|-----------|----------|----------------------------------------------------|
| 1 | 10060322 | - | 2534C-02 | Pump, vacuum and pressure oil free, 93mbar 28L/min |
| | 11708741 | - | 2546C-02 | Pump, vacuum and pressure oil free, 80mbar 38L/min |
| 2 | 10279701 | - | 2562C-50 | Pump, vacuum and pressure oil free, 10mbar 57L/min |
| | 10107851 | - | 2567C-50 | Pump, vacuum and pressure oil free, 80mbar 83L/min |

| Catalogue No | Legacy No | Alt. No | Description |
|--------------|-----------|----------|-----------------------------------------------------------|
| 13554920 | - | 404005 | Vacuum oven kit, KF16 and KF25 |
| 13564920 | - | 404006 | Advanced vacuum oven kit, KF16 and KF25 |
| 13514930 | - | 404007 | Filtration/desiccators kit, for 10060322 and 11708741 |
| 13574920 | - | 828377 | Silicone hose, 8mm I.D., 2mm wall thickness, per metre |
| 10061242 | - | 828310-4 | Red rubber hose, 8mm I.D., 5mm wall thickness, per metre |
| 10442655 | - | 828310-3 | Red rubber hose, 10mm I.D., 5mm wall thickness, per metre |