



# Pro-Set<sup>®</sup> DUAL OR SINGLE STAGE COMPACT VACUUM PUMPS

The Pro-Set<sup>®</sup> line of dual or single stage, compact vacuum pumps provide an ultimate vacuum ranging from 15 to 100 microns, horsepower ratings from 1/5 to 1/4, and free air displacement from 2 CFM to 4 CFM. These pumps offer dedicated 115VAC or 220-240VAC operation and are hardwired with either NEMA 115VAC or 220-240VAC plugs. Best of all, these pumps feature some the smallest, lightest, most compact aluminum housings in the industry.

| Model                                       | VPC2DU                       | VPC2DE                     | VPC2SU                    | VPC2SE                     | VPC4SE                         | VPC4SU                     |
|---|------------------------------|----------------------------|---------------------------|----------------------------|--------------------------------|----------------------------|
| Stage                                       | 2                            |                            |                           | 1                          |                                |                            |
| Ultimate Vacuum                             | 15 Microns                   |                            |                           | 100 Microns                |                                |                            |
| Refrigerant Class                           | A1, A2                       |                            |                           |                            |                                |                            |
| Dimensions (Inches)                         | 11.3" x 4.5" x 8.0"          |                            | 9.1" x 4.5" x 8.0"        |                            | 11.3" x 4.5" x 8.0"            |                            |
| Weight                                      | 12.1 lb (5.5 kg)             |                            | 9.3 lb (4.2 kg)           |                            | 11.0 lb (5 kg)                 |                            |
| Free Air Displacement                       | 2 CFM @ 60Hz (48 l/m @ 50Hz) |                            |                           |                            | 4 CFM @ 60 Hz (96 l/m @ 50 Hz) |                            |
| Motor Size (HP) RPM @ 50/60Hz               | 1/4 HP (2880 , 3440 RPM)     |                            | 1/5 HP (2880, 3440 RPM)   |                            | 1/4 HP (2880, 3440 RPM)        |                            |
| Voltage                                     | 115V @ 60 Hz                 | 220-240V @ 50 Hz           | 115V @ 60 Hz              | 220-240V @ 50 Hz           | 115V @ 60 Hz                   | 220-240V @ 50 Hz           |
| Power Cord Connection to Pump (& Plug Type) | Hardwired, Nema 115V Plug    | Universal IEC, Schuko Plug | Hardwired, Nema 115V Plug | Universal IEC, Schuko Plug | Hardwired, Nema 115V Plug      | Universal IEC, Schuko Plug |
| On/Off Power Switch                         | Yes                          |                            |                           |                            |                                |                            |
| Operating Temperature Range                 | 32°F to 125°F (0°C to 52°C)  |                            |                           |                            |                                |                            |
| Oil Capacity                                | 9 oz (250 ml)                | 9 oz (250 ml)              |                           |                            | 10 oz (300 ml)                 |                            |
| Gas Ballast                                 | No                           |                            |                           |                            |                                |                            |
| Intake Fittings                             | SAE: 1/4", ACME: 1/2"        |                            |                           |                            |                                |                            |
| Warranty (Years)                            | 1                            |                            |                           |                            |                                |                            |

**Legend:** VP= Vacuum Pump; C = Compact; 2,4 = CFM; E = 220-240VAC 50 Hz; S = Single Stage; U = 115VAC, 50/60 Hz.  
**Refrigerant Classes:** A1 (non-toxic, non-flammable); A2 (non-toxic, flammable)



## ANTI-SIPHON VALVE KITS

The CPS anti-siphon valve is an essential accessory to any vacuum pump application. The anti-siphon valve prevents the cross-contamination of vacuum pump oil and the compressor oil in the A/C or refrigeration system being serviced. Mixing of vacuum pump oil and compressor oil can cause premature failure in the A/C or refrigeration system. CPS makes three models that fit all CPS and other brands of vacuum pumps.

|       |  |
|-------|--|
| VPAS4 | 1/4" SAE female knurl nut                        |
| VPAS8 | 3/8" SAE female knurl nut                        |
| VPASU | 1/4" SAE, 3/8" SAE, 1/2"-20 UNF female knurl nut |



# Pro-Set<sup>®</sup> SINGLE STAGE VACUUM PUMPS

Pro-Set<sup>®</sup> single stage, standard size vacuum pumps provide a deep vacuum (down to 50 microns), with horsepower ratings from 1/3 to 1, and free air displacement from 2 CFM to 12 CFM. These pumps include a gas ballast valve and are offered in both single and dual voltage and have a voltage selector switch.

| Model                                       | VP2S  | VP4S                         | VP6S                            |
|---|---|------------------------------|---------------------------------|
| Stage                                       | 1   |                              |                                 |
| Ultimate Vacuum                             | 50 Microns  |                              |                                 |
| Refrigerant Class                           | A1, A2  |                              |                                 |
| Dimensions (Inches)                         | 12.2" x 5" x 9.6"   |                              | 13.1" x 5.5" x 10"              |
| Weight                                      | 13.7 lb (6.2 kg)  | 15.0 lb (6.8 kg)             | 18.3 lb (8.3 kg)                |
| Free Air Displacement                       | 2 CFM @ 60Hz (48 l/m @ 50Hz)                                | 4 CFM @ 60Hz (96 l/m @ 50Hz) | 6 CFM @ 60 Hz (144 l/m @ 50 Hz) |
| Motor Size (HP), RPM @ 50/60Hz              | 1/4 HP (1440 1720 RPM)                                      | 1/3 (HP) 2880/3440           | 1/2 HP (2880, 3440 RPM)         |
| Voltage                                     | Dual (110-120V Or 220-240V @ 50/60Hz)                       |                              |                                 |
| Power Cord Connection to Pump (& Plug Type) | Universal IEC Socket, Voltage Selector Switch, Nema 15 Plug |                              |                                 |
| On/Off Power Switch                         | Yes   |                              |                                 |
| Operating Temperature Range                 | 32°F to 125°F (0°C to 52°C)                                 |                              |                                 |
| Oil Capacity                                | 16 oz (470 ml)  | 19 oz (540 ml)               |                                 |
| Gas Ballast                                 | No  |                              |                                 |
| Intake Fittings                             | SAE: 1/4" & 3/8", ACME: 1/2"                                |                              |                                 |
| Warranty (Years)                            | 2   |                              |                                 |

**Legend:** VP= Vacuum Pump; 2,4,6 = CFM; S = Single Stage; **Dual Voltage:** 110-120VAC or 220-240VAC 50/60 Hz.  
**Refrigerant Classes:** A1 (non-toxic, non-flammable); A2 (non-toxic, flammable)



## VACUUM PUMP CAP KIT

Vacuum pump cap kit with chains on one common ring

