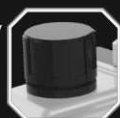


## FEATURES

**Multiple Protection of Oil**  
Mist, More environmentally friendly



**Upgraded Integral structure**  
pump body processed by CNC Center, Higher accuracy, More reliable



**Powerful Oil Cycling System**  
Guarantee the pump to work normally even oil under the MIN oil line.



**Dual-bearing Structure**  
mechanical stability & small starting torque ensure the motor rotor with excellent sensitivity and speed.



### UPGRADED



**100% Copper Coil Motor**  
Much more efficient & longer work life, CE, CSA approved components

**Gas Ballast (Optional)**  
Separate the vapor from the gas, prolong the use of pump oil.



**Built-in 6 feet length power cord**, more safe and convenient.  
**Fan-cooled Motor**, Axial ventilation structure, lower temp.



**Durable molded base and rubber feet** guarantee the pump to stay upright



**Optional Device:**  
Solenoid Valve + 50mm/80mm vacuum gauge.  
-Automatic Anti-reflux of Oil  
-For easy view of Vacuum



● Designed specially for HVAC/R service.

● **Highly efficiency, Quick to pull a deep vacuum**

● Compact design with aluminum housing, easy to carry.

- **Double Protection:** Thermal protector in the motor and Overload protector inside to guarantee the pump to run steadily. **More safe and More reliable.**
- Both 1/4" and 3/8" SAE flare copper inlet for easy & flexible hose connections.
- Higher quality vacuum pump oil with extra bottle storage.
- Big oil sight glass allows you to view condition of oil and system.

## VACUUM PUMP

### R32 SERIES

- Explosion-proof A/C motor (1425rpm 50Hz, 1720rpm 60Hz) & electronic parts and components, ensure it compatible to A2L refrigerants.
- Lower noise & oil contamination, much more stable and reliable in performance.
- Portable, Heavy-duty and POWERFUL tool, you deserve!

#### 1 Stage Vacuum Pump

| Models          |                  | O-i4S-R32       | O-i8S-R32       |
|-----------------|------------------|-----------------|-----------------|
| Flow Rate       | 50Hz             | 3.5CFM          | 7.0CFM          |
|                 |                  | 100L/min        | 198L/min        |
|                 | 60Hz             | 4.0CFM          | 8.0CFM          |
|                 |                  | 113L/min        | 227L/min        |
| Ultimate Vacuum | Partial Pressure | 1Pa             | 1Pa             |
|                 | Total pressure   | 75microns       | 75microns       |
| Power           |                  | 1/2HP           | 3/4HP           |
| Inlet Port      |                  | 1/4" & 3/8" SAE | 1/4" & 3/8" SAE |
| Oil Capacity    |                  | 330ml           | 450ml           |
| Dimensions (mm) |                  | 300X117X248     | 343X135X248     |
| Weight          |                  | 8.5kg           | 14kg            |

#### 2 Stage Vacuum Pump

| Models          |                  | O-i2D-R32       | O-i4D-R32       | O-i6D-R32       | O-i9D-R32       | O-i12D-R32      |
|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Flow Rate       | 50Hz             | 1.8CFM          | 3.5CFM          | 5.0CFM          | 8.0CFM          | 10CFM           |
|                 |                  | 51L/min         | 100L/min        | 142L/min        | 227L/min        | 283L/min        |
|                 | 60Hz             | 2.0CFM          | 4.0CFM          | 6.0CFM          | 9.0CFM          | 12CFM           |
|                 |                  | 57L/min         | 113L/min        | 170L/min        | 255L/min        | 340L/min        |
| Ultimate Vacuum | Partial Pressure | 1x10-1Pa        | 1x10-1Pa        | 1x10-1Pa        | 1x10-1Pa        | 1x10-1Pa        |
|                 | Total pressure   | 7.5Microns      | 7.5Microns      | 7.5Microns      | 7.5Microns      | 7.5Microns      |
| Power           |                  | 1/3HP           | 1/2HP           | 3/4HP           | 1HP             | 1HP             |
| Inlet Port      |                  | 1/4" & 3/8" SAE | 1/4" & 3/8" SAE | 1/4" & 3/8" SAE | 1/4" & 3/8" SAE | 1/4" & 3/8" SAE |
| Oil Capacity    |                  | 280ml           | 500ml           | 460ml           | 600ml           | 550ml           |
| Dimensions (mm) |                  | 300X117X248     | 343X135X248     | 343X135X248     | 389X146X280     | 389X146X280     |
| Weight          |                  | 9kg             | 11kg            | 13kg            | 16kg            | 16.5kg          |

# COOLNOVA VACUUM PUMP

## O-I SERIES

- A/C motor (1425rpm 50Hz,1720rpm 60Hz)
- Lower noise&oil contamination,much more stable and reliable in performance.
- Portable,Heavy-duty and POWERFUL tool,you deserve!

### 1 Stage Vacuum Pump

| Models          |                  | O-i2S       | O-i4S        | O-i8S        |
|-----------------|------------------|-------------|--------------|--------------|
| Flow Rate       | 50Hz             | 1.8CFM      | 3.5CFM       | 7.0CFM       |
|                 |                  | 51L/min     | 100L/min     | 198L/min     |
|                 | 60Hz             | 2.0CFM      | 4.0CFM       | 8.0CFM       |
|                 |                  | 57L/min     | 113L/min     | 227L/min     |
| Ultimate Vacuum | Partial Pressure | 1Pa         | 1Pa          | 1Pa          |
|                 | Total pressure   | 75mircons   | 75Microns    | 75mircons    |
| Power           |                  | 1/3HP       | 1/2HP        | 3/4HP        |
| Inlet Port      |                  | 1/4"SAE     | 1/4"&3/8"SAE | 1/4"&3/8"SAE |
| Oil Capacity    |                  | 180ml       | 330ml        | 450ml        |
| Dimensions (mm) |                  | 244X102X203 | 300X117X248  | 343X135X248  |
| Weight          |                  | 5.0kg       | 8.5kg        | 14kg         |

### 2 Stage Vacuum Pump

| Models          |                  | O-i2D        | O-i4D        | O-i6D        | O-i9D        | O-i12D       |
|-----------------|------------------|--------------|--------------|--------------|--------------|--------------|
| Flow Rate       | 50Hz             | 1.8CFM       | 3.5CFM       | 5.0CFM       | 8.0CFM       | 10CFM        |
|                 |                  | 51L/min      | 100L/min     | 142L/min     | 227L/min     | 283L/min     |
|                 | 60Hz             | 2.0CFM       | 4.0CFM       | 6.0CFM       | 9.0CFM       | 12CFM        |
|                 |                  | 57L/min      | 113L/min     | 170L/min     | 255L/min     | 340L/min     |
| Ultimate Vacuum | Partial Pressure | 1x10-1Pa     | 1x10-1Pa     | 1x10-1Pa     | 1x10-1Pa     | 1x10-1Pa     |
|                 | Total pressure   | 7.5Microns   | 7.5Microns   | 7.5Microns   | 7.5Microns   | 7.5Microns   |
| Power           |                  | 1/3HP        | 1/2HP        | 3/4HP        | 1HP          | 1HP          |
| Inlet Port      |                  | 1/4"&3/8"SAE | 1/4"&3/8"SAE | 1/4"&3/8"SAE | 1/4"&3/8"SAE | 1/4"&3/8"SAE |
| Oil Capacity    |                  | 280ml        | 500ml        | 460ml        | 600ml        | 550ml        |
| Dimensions (mm) |                  | 300X117X248  | 343X135X248  | 343X135X248  | 389X146X280  | 389X146X280  |
| Weight          |                  | 9kg          | 11kg         | 13kg         | 16kg         | 16.5kg       |

# VACUUM PUMP

## OVP SERIES

- A/C motor (2850rpm 50Hz,3440rpm 60Hz)
- Efficient,Quick to pull a deep vacuum,smaller,lighter and HIGH QUALITY tool

### 1 Stage Vacuum Pump

| Models          |                  | OVP2S       | OVP4S        | OVP5S        | OVP6S        | OVP7S        | OVP12S       |
|-----------------|------------------|-------------|--------------|--------------|--------------|--------------|--------------|
| Flow Rate       | 50Hz             | 1.8CFM      | 3.5CFM       | 4.5CFM       | 5.0CFM       | 6.0CFM       | 10CFM        |
|                 |                  | 51L/MIN     | 100L/min     | 128L/MIN     | 142L/MIN     | 170L/MIN     | 283L/MIN     |
|                 | 60Hz             | 2.0CFM      | 4.0CFM       | 5.0CFM       | 6.0CFM       | 7.0CFM       | 12CFM        |
|                 |                  | 57L/MIN     | 113L/min     | 142L/MIN     | 170L/MIN     | 198L/MIN     | 340L/MIN     |
| Ultimate Vacuum | Partial Pressure | 2Pa         | 2Pa          | 2Pa          | 2Pa          | 2Pa          | 2Pa          |
|                 | Total pressure   | 150Microns  | 150Microns   | 150Microns   | 150Microns   | 150Microns   | 150Microns   |
| Power           |                  | 1/4HP       | 1/3HP        | 1/3HP        | 1/2HP        | 1/2HP        | 1HP          |
| Inlet Port      |                  | 1/4"SAE     | 1/4"&3/8"SAE | 1/4"&3/8"SAE | 1/4"&3/8"SAE | 1/4"&3/8"SAE | 1/4"&3/8"SAE |
| Oil Capacity    |                  | 200ml       | 310ml        | 300ml        | 420ml        | 400ml        | 720ml        |
| Dimensions (mm) |                  | 244X102X203 | 300X117X248  | 300X117X248  | 321X126X257  | 321X126X257  | 389X146X280  |
| Weight          |                  | 4.2kg       | 4.5kg        | 7.0kg        | 8.7kg        | 9kg          | 14.5kg       |

### 2 Stage Vacuum Pump

| Models          |                  | OVP2D       | OVP3D        | OVP5D        | OVP7D        | OVP9D        | OVP12D       |
|-----------------|------------------|-------------|--------------|--------------|--------------|--------------|--------------|
| Flow Rate       | 50Hz             | 1.8CFM      | 2.5CFM       | 4.5CFM       | 6.0CFM       | 8.0CFM       | 10CFM        |
|                 |                  | 51L/MIN     | 71L/MIN      | 128L/MIN     | 170L/MIN     | 227L/MIN     | 283L/MIN     |
|                 | 60Hz             | 2.0CFM      | 3.0CFM       | 5.0CFM       | 7.0CFM       | 9.0CFM       | 12CFM        |
|                 |                  | 57L/MIN     | 85L/MIN      | 142L/MIN     | 198L/MIN     | 255L/MIN     | 340L/MIN     |
| Ultimate Vacuum | Partial Pressure | 2X10-1Pa    | 2x10-1Pa     | 2x10-1Pa     | 2x10-1Pa     | 2x10-1Pa     | 2x10-1Pa     |
|                 | Total pressure   | 15Microns   | 15Microns    | 15Microns    | 15Microns    | 15Microns    | 15Microns    |
| Power           |                  | 1/4HP       | 1/3HP        | 1/2HP        | 3/4HP        | 1HP          | 1HP          |
| Inlet Port      |                  | 1/4"SAE     | 1/4"&3/8"SAE | 1/4"&3/8"SAE | 1/4"&3/8"SAE | 1/4"&3/8"SAE | 1/4"&3/8"SAE |
| Oil Capacity    |                  | 170ml       | 280ml        | 350ml        | 500ml        | 600ml        | 600ml        |
| Dimensions (mm) |                  | 244X102X203 | 300X117X248  | 321X126X257  | 343X135X248  | 389X146X280  | 389X146X280  |
| Weight          |                  | 4.7kg       | 7.8kg        | 8.8kg        | 12.5kg       | 15.5kg       | 16kg         |