 the system.

## Best Pump in the Industry

JB Industries' Platinum ${ }^{\text {TM }}$ Series Vacuum pump is the best pump in the industry. This pump was made and designed for the serious air conditioning and refrigeration technician. American made and subjected to JB's rigorous performance standards, the Platinum ${ }^{\text {TM }}$ Series is the top of the line for both quality and durability. Backed by an unprecedented **24 month over the counter warranty, there is no better pump on the market.
$1 / 2 \mathrm{HP}$, capacitor start with thermal overload protected motor is powerful to get any job done quickly

O-ring sealed easy open drain valve prevents unwanted leaks

Our International Series (-250 models) operate with $1 / 2 \mathrm{HP}, 230$ volt, 50 Hz motor. A dual voltage motor is also available

All brass fittings make for superior quality

Check valve prevents oil backflow during power failure

Break resistant steel handle with cushioned cool grip for easy portability

Large, easy to see sight glass ensures oil level is always visible

Wide stance four point base is heavy duty to prevent overturning

To check vacuum accurately, use the DV-22N (see page 29).
Operating instructions available on our website at www.jbind.com
*One Micron On A U-Tube Manometer. 25,400 Microns = 1"
**Subject to warranty as set forth on the last page of the catalog and warranty and terms and conditions of sales set forth at www.jbind.com

| CFM (1/m) | Part No. | *Oil Capacity | Intoke Ports (Male Flare) | Shipping Weight |
| :---: | :---: | :---: | :---: | :---: |
| 1.5 (42) | DV-42N | 30 oz. (865 cc) | 1/4" | $29 \mathrm{Lbs} / 13.2 \mathrm{~kg}$ |
| 3 (85) | DV-85N | 27 oz. (785 cc) | $1 / 4^{\prime \prime} \times 3 / 8^{\prime \prime}$ | $30 \mathrm{Lbs} / 13.6 \mathrm{~kg}$ |
| 5 (142) | DV-142N | 23 oz. (660 cc) | $3 / 8^{\prime \prime} \times 1 / 4^{\prime \prime} \times 3 / 8^{\prime \prime}$ | $32 \mathrm{Lbs} / 14.5 \mathrm{~kg}$ |
| 7 (200) | DV-200N | 23 oz. (660 cc) | $3 / 8^{\prime \prime} \times 1 / 4^{\prime \prime} \times 3 / 8^{\prime \prime}$ | $32 \mathrm{Lbs} / 14.5 \mathrm{~kg}$ |
| 10 (285) | DV-285N | 24 oz. (705 cc) | $3 / 8^{\prime \prime} \times 1 / 4^{\prime \prime} \times 3 / 8^{\prime \prime}$ | $34 \mathrm{bs} / 15.4 \mathrm{~kg}$ |

Available with European or UK cords.

| CFM (1/m) | Part No. | *O'l Capacity | Intake Ports (Male Flare) | Shipping Weight |
| :---: | :---: | :---: | :---: | :---: |
| 50 HZ - 1.25 CFM ( $35 \mathrm{I} / \mathrm{m}$ ) | DV-42N-250 | 30 oz.. (865 cc) | 1/4" | $30 \mathrm{Lbs} / 13.6 \mathrm{~kg}$ |
| 50 HZ - 2.5 CFM ( $71 \mathrm{l} / \mathrm{m}$ ) | DV-85N-250 | 27 oz. (785 cc) | $1 / 4^{\prime \prime} \times 3 / 8^{\prime \prime}$ | $31 \mathrm{Lbs} / 14.1 \mathrm{~kg}$ |
| 50 HZ - 4.2 CFM (1191/m) | DV-142N-250 | $23 \mathrm{oz}$. (660 cc) | $3 / 8^{\prime \prime} \times 1 / 4^{\prime \prime} \times 3 / 8^{\prime \prime}$ | $33 \mathrm{Lbs} / 15.0 \mathrm{~kg}$ |
| 50 HZ - $5.8 \mathrm{CFM}(167 \mathrm{l} / \mathrm{m})$ | DV-200N-250 | $23 \mathrm{oz}.(660 \mathrm{cc})$ | $3 / 8^{\prime \prime} \times 1 / 4^{\prime \prime} \times 3 / 8^{\prime \prime}$ | $33 \mathrm{Lbs} / 15.0 \mathrm{~kg}$ |
| 50 HZ - 8.3 CFM ( $237 \mathrm{I} / \mathrm{m}$ ) | DV-285N-250 | 24 oz. (705 cc) | $3 / 8^{\prime \prime} \times 1 / 4^{\prime \prime} \times 3 / 8^{\prime \prime}$ | $35 \mathrm{Lbs} / 15.9 \mathrm{~kg}$ |

The -250 models are available with a dual voltage ( $115 / 230,50 / 60 \mathrm{~Hz}$ ) motor upon request.
Available with European or UK cords.
*Top level of oil while pump is running
Operating Temp $=150^{\circ} \mathrm{F} \pm 18^{\circ} \mathrm{F}\left(60^{\circ} \mathrm{C} \pm 10^{\circ} \mathrm{C}\right)$

## For repair parts please refer to the "Repair Parts" Section beginning on page 60, or visit our website at www.jbind.com

## Oil Capacity

Oil capacity is an important component in choosing a vacuum pump. The greater the oil capacity, the lower the operating temperature and the longer the oil will work efficiently before contamination. With lower capacity pumps, larger evacuations require changing of the oil more frequently, requiring more down time and costs. Larger reservoirs dilute impurities and the oil remains effective longer.

To keep your pump running at maximum efficiency, we recommend changing your pump after every evacuation with JB Black Gold Vacuum Pump Oil.


See page 8 for more information on vacuum pump oil.

