



### Blank-Off Isolation Valve

Isolates the vacuum pump from the system in order to determine if there are any leaks in the system.

## Best Pump in the Industry

JB Industries' Platinum™ 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™ 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.

½ 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 ½ 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

## 24 month warranty

All metal construction for durability

\*Tested to 15 Microns ensuring a truly ultimate deep vacuum

All metal construction with finned aluminum housing reduces heat during operation

2 Stage Direct Drive achieves a deeper vacuum

Gas Ballast Valve reduces oil contamination, thereby decreasing evacuation time



**made in the USA**

Housing protected drain valve

Low Profile Rocker Switch to avoid inadvertently shutting off power

1.5, 3, 5, 7, 10 CFM models meet any application needs

Completely field repairable rendering less down time so you can get the job done

### To check vacuum accurately, use the DV-22N (see page 29).

Operating instructions available on our website at [www.jbind.com](http://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](http://www.jbind.com)

# Platinum™ Series Vacuum Pumps

# Deep Vacuum

CFM (l/m)	Part No.	*Oil Capacity	Intake Ports (Male Flare)	Shipping Weight
1.5 (42)	DV-42N	30 oz. (865 cc)	1/4"	29 Lbs / 13.2 kg
3 (85)	DV-85N	27 oz. (785 cc)	1/4" x 3/8"	30 Lbs / 13.6 kg
5 (142)	DV-142N	23 oz. (660 cc)	3/8" x 1/4" x 3/8"	32 Lbs / 14.5 kg
7 (200)	DV-200N	23 oz. (660 cc)	3/8" x 1/4" x 3/8"	32 Lbs / 14.5 kg
10 (285)	DV-285N	24 oz. (705 cc)	3/8" x 1/4" x 3/8"	34 Lbs / 15.4 kg



Domestic pumps operate with a 1/2 HP, 115 volt, 60HZ, 1725 RPM motor

Available with European or UK cords.

CFM (l/m)	Part No.	*Oil Capacity	Intake Ports (Male Flare)	Shipping Weight
50 HZ - 1.25 CFM (35 l/m)	DV-42N-250	30 oz.. (865 cc)	1/4"	30 Lbs / 13.6 kg
50 HZ - 2.5 CFM (71 l/m)	DV-85N-250	27 oz. (785 cc)	1/4" x 3/8"	31 Lbs / 14.1 kg
50 HZ - 4.2 CFM (119 l/m)	DV-142N-250	23 oz. (660 cc)	3/8" x 1/4" x 3/8"	33 Lbs / 15.0 kg
50 HZ - 5.8 CFM (167 l/m)	DV-200N-250	23 oz. (660 cc)	3/8" x 1/4" x 3/8"	33 Lbs / 15.0 kg
50 HZ - 8.3 CFM (237 l/m)	DV-285N-250	24 oz. (705 cc)	3/8" x 1/4" x 3/8"	35 Lbs / 15.9 kg



The -250 models are available with a dual voltage (115/230, 50/60 Hz) motor upon request.

Available with European or UK cords.

\*Top level of oil while pump is running

Operating Temp = 150°F±18°F (60°C±10°C)

For repair parts please refer to the "Repair Parts" Section beginning on page 60, or visit our website at [www.jbind.com](http://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.