

Prodigy[®] HDLV[®]

High-Capacity Pump

Prodigy HDLV (high density powder, low velocity air) pump provides easy, efficient handling of virgin powder to the application system. HDLV ensures greater powder output using less air to transfer powder.

Prodigy HDLV Technology

Nordson's patented Prodigy HDLV high-capacity pump technology transfers more powder using less air, providing significant improvements over traditional venturi-style pump technology.

- **Greater output for higher productivity rates — up to 360 lbs. (163 kg) per hour — the equivalent of three conventional venturi-style transfer pumps.**
- **Improved savings in compressed air usage — HDLV requires only a fraction of the compressed air needed to operate a conventional venturi-style transfer pump.**
- **Lower powder velocity with less air to propel the powder — minimizes the possibility of over-pressurization and impact fusion as with a conventional venturi-style transfer pump.**
- **Ultra fast product change with the manual purge function — easy and fast product change is achieved without pump disassembly.**
- **Purgeable in both directions — suction and delivery.**
- **See through design — for quick diagnostics.**
- **No Venturi throat to replace — reduces maintenance requirements.**
- **Reduced air velocity for less wear on parts.**
- **High performance with abrasive material.**
- **Smaller powder transport tubing — for easy installation.**
- **Ideal for food and pharmaceutical applications — all components in contact with product are FDA approved.***



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The Prodigy HDLV high capacity pump station can also be integrated into your current system — pumping to and/or from various powder containers, including:

- **Fluidized hoppers**
- **Non-fluidized boxes**
- **After filters**
- **Scrap drums**
- **And other various powder containers**

*When used with Kit no. 1097919

Prodigy® HDLV® High-Capacity Pump



The Prodigy HDLV High-Capacity Pump is part of a complete pump station (p/n 1067320*), which includes pneumatic controls and purge function.

Specifications

Output (Max)	4k (9lbs) per minute
Operating Air	4.80 bar (70psi) 198-255 l/min (7 cfm)
Pinch Valves	2.40 - 2.75 bar (35-40psi)
Conveying Air	0.70 - 1.00 bar (10-15psi) 28-56 l/min (1-2 cfm)

For more information, speak with your Nordson representative or contact your Nordson regional office.

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**Drum unloader is not included with p/n 1067320*