

PB-1050

Filters: 

POWER

pulsebac[®]
AUTOMATIC SELF-CLEANING VACUUM CONTROL TECHNOLOGY



Model PB-1050

Filters (3 ea.): HEPA H-13 Rated

Filtration System: Pulse-Bac[®] Automatic

Dimension: 23" x 39" x 21"

Decibel Level at 2ft: 86db

Inlet Size: 2"

Air Watts: 450

Voltage: 120 V AC 50/60 Hz (*220 available)

Current: 12 amps

Weight: 23 lbs. (Vacuum Head)

Tank: 20 Gal.

Caster(s): 5, 3" non-marking

3 each PTFE HEPA Rated H-13 Filter



Choose from 3 Tank Options



Model PB-1050 (P/N# 103105) is a High-Efficiency Particulate Air Vacuum with a filter fractional efficiency rating of 98.0% @ .3 microns at a CFM flow rate up to 170. The 1050 model comes standard with HEPA H-13 filters, Pulse-Bac[®] Technology, our Cyclonic Debris Management system, a 20 gallon powder coated tank and a 5 caster steel dolly. An optional tank capacity sensor and Halo Guard* are available along with 3 tank options.

*Optional Tank Sensor & Halo Guard

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CDCLarue[™]
INDUSTRIES, INC.

CDCLarue Industries
PB-1050
Dust Vacuum



PB-1050 Specifications

Air Watts..... 450
Sealed Lift 87
Decibel Level..... 86db
Voltage 110v/220v
Current (Amps) 12.1 (peak draw)
Weight..... 79 lbs.
Inlet..... 2”
Steel Tank..... 16 gauge
Caster wheels..... 3” non-marking
Vacuum Motor Tangential By-pass



Special Features:

Pulse-Bac® Automatic Self-Cleaning Vacuum Control Technology:

The PB-1050 dust vacuum is equipped with patented *Pulse-Bac Technology*, the most advanced filter filtration system available, capable of preventing the filters from becoming faced with dust and debris and clogging during operation. This patented technology (US Patent # 7.082.640 B2) automatically flushes the filters clear of dust and debris during operation, using only ambient air and vacuum. *No blowers, shakers, compressors or buttons to push.*

Cyclonic Debris Management:

The PB-1050 tanks & extenders are equipped with an exclusive Cyclonic Debris Management system that reduces filter exposure to dust and debris. The CDM is located inside the tank at the air inlet and creates a cyclonic effect inside the tank, lowering dust and debris to the bottom of the tank and holding it there. The CDM system benefits the user by preventing dust and debris from constantly cycling up to the filters, thereby lowering overall filter replacement cost and pro-longing the life of the filters.

Tank Capacity Sensor:

The PB-1050 optional tank capacity sensor warns the user via audible alarm and flashing LED on the control panel when the collection chamber has reached capacity and needs to be emptied. When the tank chamber reaches a pre-determined amount of dust and debris the TCS system will warn the operator the tank is full. After being warned, the user has a set amount of time to turn off the vacuum and empty the debris inside the tank. If this is not done in the set amount of time allowed the TCS system will automatically shut off the vacuum until the tank has been emptied. This action prevents the tank from becoming over filled. *(Please note, users should always shut the vacuum power off before discarding dust and debris inside the tank)*



Twist on/off P.T.F.E. Spun Bond Polyester Filters:

The PB-1050 is equipped with advanced patented (US Patent # 8226739) twist on filters, manufactured out of a non-woven Spun Bond Polyester material and coated with a P.T.F.E. (Teflon) coating, capable of capturing dust particles as small as .012 micron. The easy to install twist on design makes installing and replacing filters quick and easy. The advanced filter media pro-longs the life of the filters, thereby reducing filter replacement cost. *(It is recommended filters be changed after every 4 to 6 months of use)*

Electronically Controlled:

The PB-1050 Pulse-Bac® Technology is automatically controlled by an advanced electronic PC board that uses surface mount technology with a conformal coating to protect it against moisture, dust and the elements. All PCB are tested for 48 hours prior to being installed and are covered by a one year limited warranty.

Tangential By-Pass Motor:

The PB-1050 is outfitted with a tangential by-pass vacuum motor, suitable for 120 volt AC operation, is UL recognized (PRGY2-E47185) with provision for grounding, a skeleton frame design, tapered fan system, dual ball bearing design, thermoset fan end bracket, and aluminum commutator bracket.

Halo Guard:

The PB-1050 optional Halo Guard goes around the head of the vacuum unit, providing the user with an easy to grab-on handle to move the vacuum, pull the head off when emptying the tank or for added protection.

One Year Limited Warranty:

The PB-1050 comes with a limited one year warranty.



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