

# PB-2150

Filters:   
POWER



## Model PB-2150

**Filters (5 ea.):** HEPA H-13 Rated  
**Filtration System:** Pulse-Bac® Automatic  
**Dimension:** 63" x 29" x 45"  
**Decibel Level at 2ft:** 86db  
**Inlet Size:** 3"

**Air Watts:** 724  
**Voltage:** 120 V AC 50/60 Hz (\*220 available)  
**Current:** 15.5 amps  
**Weight:** 221 lbs. (total weight)  
**Caster(s):** 2, 3" & 5" non-marking



*5 each PTFE HEPA Rated H-13 Filter*



*Tangential By-Pass Motor*



\*Standard Tank Capacity Sensor

The PB-2150 (P/N # 103215) is a High Efficiency Particulate Air vacuum with a filter fractional efficiency rating of 98.0% @ .3 micron at a CFM flow rate up to 400. The 2150 model comes standard with patented HEPA H-13 filters, Pulse-Bac® Technology, our Cyclonic Debris Management system, Tank Capacity Sensor and the Universal Bagger that allows the user to discard dust and debris with out ever turning off the vacuum and stopping production. Available in 220 or 110 volts, the 2150 will fit through any standard 32" doorway and easily go into any standard size freight or passenger elevator.

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**PB-2050**  
**Dust Vacuum**



## ***PB-2150 Specifications***

Air Watts..... 724  
Sealed Lift ..... 70”  
Decibel Level ..... 86db  
Voltage ..... 110v/220v  
Current (Amps) .7.9 @ 220v (peak draw)  
Weight ..... 222 lbs.  
Inlet ..... 3”  
Vacuum Motor ..... Tangential By-pass



## ***Special Features:***

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

The PB-2150 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-2150 tank is equipped with our 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-2150 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.



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

The PB-2150 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-2150 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-2150 is outfitted with a tangential by-pass vacuum motor suitable for 220 or 110 volt AC operation, UL recognized with provision for grounding, a 10mm shaft and bearing system, flat fan system, aluminum fan end bracket designed to dampen vibration and improve durability, aluminum die cast housings used in motor construction and a dual ball bearing design.

### ***Continuous operation:***

The PB-2150 allows the operator the ability to empty dust and debris without ever shutting off the vacuum or stopping production. The PB-2150 allows the user to dump the dust collected in the upper chamber down into the collection bag while the vacuum continues to operate. After dumping the dust the user seals the upper chamber and removes the filled bag. Then replaces it with a new one, all the while the dust vacuum continues to operate without interruption.

### ***One Year Limited Warranty:***

The PB-2150 comes with a limited one year warranty.



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