

The worlds number one selling back vacuum cleaner

### 150BV

Designed for commercial applications where quiet high performance is required.



### 200BV

Designed for commercial applications, fitted with a by-pass motor, ideal for operating in environments where spillage can occur.

### 150BV HEPA

Designed specifically for applications that require quiet operation with a high level of filtration to commercial standards.



### 100BV

Designed for commercial applications where performance is required with low CO2 emissions.



**Origin.**

**BE Series**



**SPECIFICATIONS**

**150BV**

**200BV**

**150BV HEPA**

**100BV**

<b>Voltage</b>	220—240	220—240	220—240	110—120 400Hz
<b>Motor Type</b>	Domel Flow-through	Domel By-pass	Domel Flow-through	Domel Flow-through
<b>Thermal cut-out</b>	No	No	Yes	No
<b>Rated Power</b>	1300W	1100W	1300W	850W
<b>Air Flow L/sec</b>	43	41	43	40
<b>Vacuum Kpa</b>	22	20	22	19
<b>Sound Level dB(A)</b>	61.3	65.3	59.3	58.2
<b>1.5 Meters</b>				
<b>Filter Bag Polypropylene</b>				
<b>Capacity</b>	5 Liters	5 Liters	5 Liters	5 Liters
<b>Filtration</b>	4 stage 95% at 0.1 micron 98.98% at 0.3 micron	4 stage 95% at 0.1 micron 98.98% at 0.3 micron	5 stage with H13 HEPA Filter 99.995% at 0.1 micron	4 stage 95% at 0.1 micron 98.98% at 0.3 micron
<b>Exhaust Filter</b>	Micron Filter	Micron Filter	Micron Filter	Micron Filter
<b>Carbon exhaust Filter</b>	No	No	Yes	No
<b>Weight</b>	4.85 Kg	4.85 Kg	5.25 Kg	4.85 Kg
<b>Cable Length</b>	15M Detachable IEC	15M Detachable IEC	15M Detachable IEC	15M Detachable IEC
<b>Protection Class</b>	II □	II □	II □	II □
<b>Open Paper Bag</b>	Standard	Standard	Standard	Standard
<b>Sealed Maxiflo Bag</b>	Optional	Optional	Standard	Optional
<b>Powerhead Receptacle</b>	Standard	Standard	Standard	Standard



**Standard Tool Kit For BE Series**

- 2 piece chrome steel wand
- ◆ Chrome Steel Telescopic Wand with 150BV HEPA
- ◆ Premium 32mm Vacuum hose 1.2M
- ◆ 280mm Combination Floor tool with non-marking wheels
- ◆ Combination Floor Tool for 100BV



Crevice Tool, Dust Tool, Upholstery Tool and Tool caddy are standard on the 150BV HEPA.

Optional on other models.

**The Origin BV range of back vacuum cleaners offer more than quiet powerful performance, ergonomic comfort and operator safety with high levels of filtration; they also help to protect against damaging walls and fittings.**

## **INNOVATIVE DESIGN FEATURES**

- A moulded lid with a wide opening for maximum airflow. The lids unique clips help to prevent wall damage and under normal use unbreakable. The lid design allows the vacuum hose to fit vertically down behind the operator so that it does not stick out to knock over objects on shelves or tables when the operator moves around.
- The top canister design is tapered inwards to help protect wall damage and also works with the filter bag taper to maximise airflow around the bag. This ensures that the bag can fill with negligible loss of suction.



### **New Bumper design with air deflection**

- The unique soft TPR moulded bumper design protect walls from damage. The bumpers are soft ,non-marking and absorb impact energy. We have increased the bumper protection from two to three.
- The bumper design also works as an air exhaust deflector. It exhausts the air in the front of the machine in an upward direction. This prevents the exhaust air blowing onto the operator but also prevents the disturbance of papers on desks even when the operator is in a bent over position.



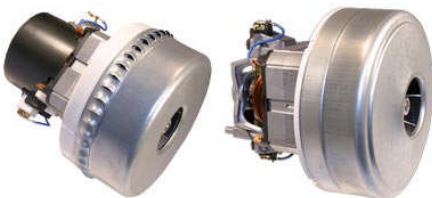
### **New Lower Body with flexible dual wall**

- The lower body around the motor is made from a flexible polypropylene with a dual wall. This design allows for the inner wall to absorb the motor heat, therefore not transferring heat to the operator.
- The outside wall “floats” so that on impact with any obstacle it moves up to 10mm to absorb the impact energy which helps to prevent damage.
- The carry handle supports the cable and the pivoting shoulder pads.
- The shoulder pads are ergonomically designed and contoured to fit correctly.
- They are fitted with an adjustable secondary pad to ensure maximum support across the shoulders.
- Our unique shoulder pivot design ensures adjustment to prevent pads from rubbing against the neck.



### **Cable and Motor**

- Our cable is fitted with a unique IEC right angle plug into the machine. When fitted to our cable protector it offers operator safety. It also allows for a quick replacement should the cable become damaged.
- The unique IEC plug is designed for this machine only and can not be taken away to use on other appliances. However in an emergency to replace the cable, any stan-



**The BE Series use Domel vacuum motors. Expensive but proven to be the most reliable motors available and have superior performance. NOT made in China.**

**AIR EXHAUSTS VERTICALLY AND IN FRONT OF THE VAC FOR BOTH BY-PASS AND FLOW-THROUGH MODELS.**



## ERGONOMIC DESIGN

- The Origin Back Vacuum Cleaner has been ergonomically tested on three continents. This has resulted in an ergonomic design that enables the operator to be more productive with less stress, in complete safety and comfort.
- It starts with achieving the correct centre of gravity without the use of uncomfortable back supports that rub against the spine and upper back where upper body movement takes place .
- Our unique flexible back support fits into the lower back with adjustable elasticized “wrap around” pads to support the vac’s weight over the hips and abdominal area, not on the shoulders.
- The dual wall and the mounting of the back support ensures no heat is transferred from the vacuum cleaner’s body to the operator.
- This “wrap around” waist design eliminates the need for belt pressure in the abdominal area.
- Also the new back support was designed to offer support to those operators that do use the waist pads.
- **The vacuum motor is mounted between 4 layers of rubberized components to absorb the vibration from the motor. This ensures no vibration is transferred to the operators back.**



**All pads, waist supports and cable can be replaced without tools.**

## FILTRATION

The 200BV and 150BV have four stages of filtration as standard;

1. the main filter bag, 2. the secondary filter under the bag, 3. the exhaust filter and 4. a re-usable paper bag. The secondary filter not only offers increased filtration but it protects the motor should the vacuum cleaner be used with a damaged filter bag.

The exhaust filter on the 150BV helps to capture some of the carbon dust generated by the vacuum motor.

Our standard dust filter bag is made from a laminate structure consisting of 100% polypropylene. This material will not support biological growth, like bacteria, mould or mildew, should the bag get wet.

Our filter material has surface filtration, not depth filtration. This not only improves the filtration but allows easy release of dust on emptying, it also provides a longer life by preventing premature clogging of the media.

This filter bag maintains full vacuum performance, even as the bag fills to the 5 liter capacity ,this is due to both the bag material and also the canister design.



Open style paper bag and support ring—economical and reusable . This keeps the cloth filter bag clean maintaining performance. Standard except for the 150BV HEPA.

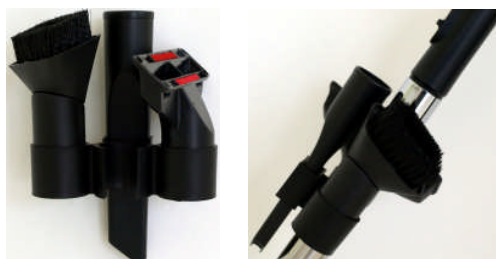


H13 HEPA Filter cartridge, standard with the 150BV HEPA.



Maxiflo Sealed bag with lid retention is standard with the 150BV HEPA. Available as an option on other models.

## ACCESSORIES



Our Tool Caddy fits our Crevice, dust and upholstery tools. The Caddy snaps on our wand under the black ring. All of these items are standard on the 150BV HEPA. Optional on other models.