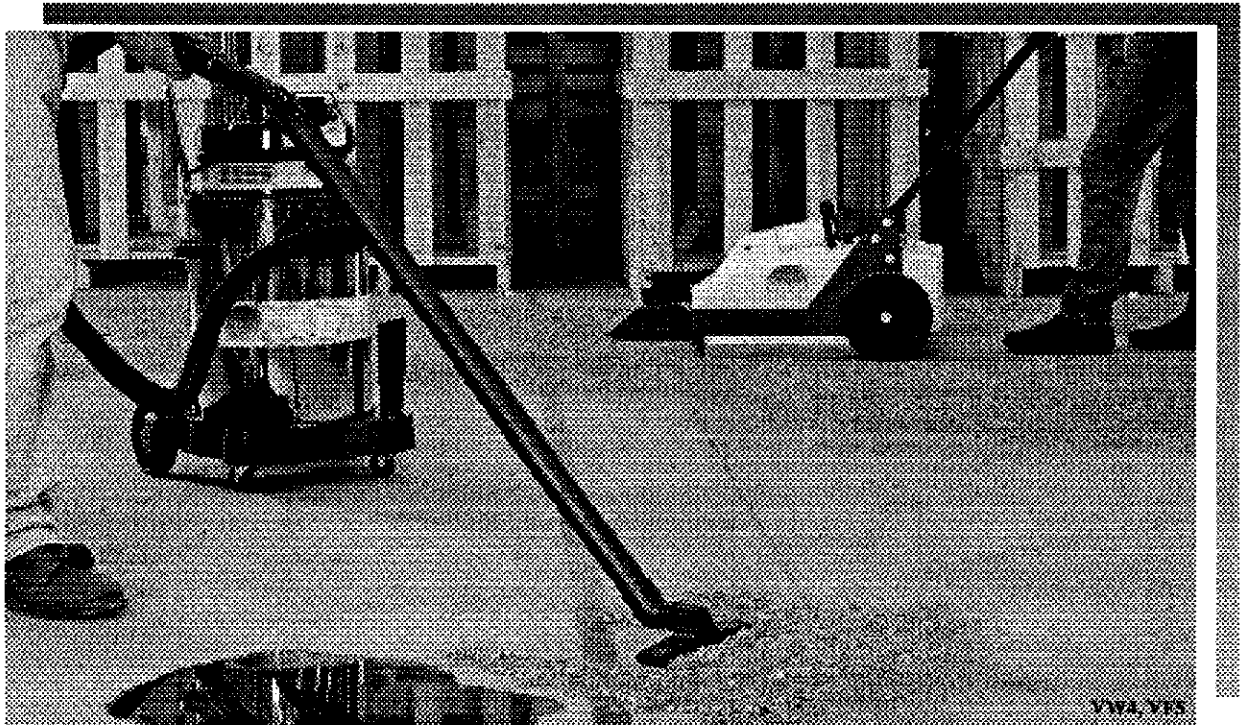




Professional Vacuum Cleaners

... try one and experience the working environment of the future.

For factories and warehouses



VW4/VW5

Wet/Dry Vacuum Cleaners Models VW4, VW5

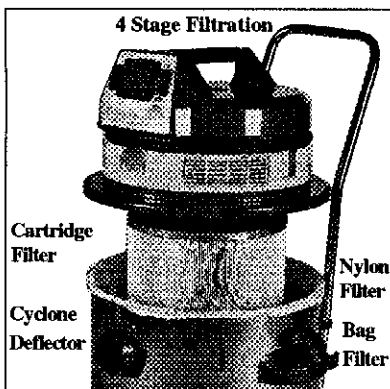
Ozone's range of user-friendly Professional Duty Vacuum Cleaners is ideal for factories and warehouses. Designed for a wide variety of industrial and commercial applications, they combine authentic performance with safety and reliability.

Models VW4 and VW5 easily cope with debris, liquids, dusts or a combination of pollutants thanks to an efficient multi-stage filtering system. Ideal for clean up around machinery, workshops or storage areas, as well as in processing, retail and hospitality industries.

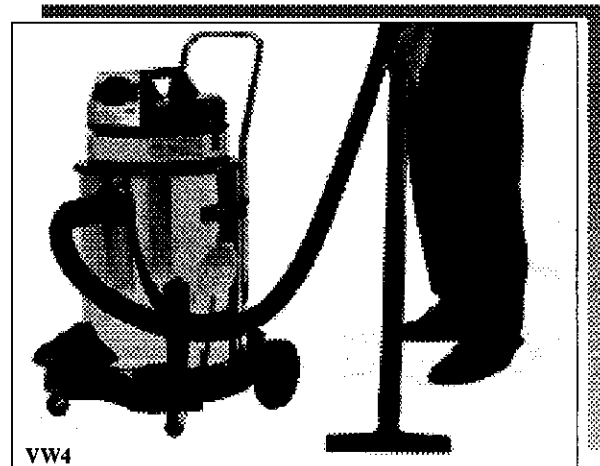
Model VW4 is supplied with 38 mm lightweight hose and attachments, which store neatly in the Cleaner's trolley base. Model VW5 offers greater suction power, a 50 mm low static hose, chrome metal tubes and attachments. The 5 metre long highly flexible lightweight hose is carbon impregnated, providing excellent static protection.

The Cleaners are equipped with an impressive array of standard features:

- Genuine wet or dry pick up.
- Cleanable main cartridge for low running costs.
- Auto start feature for dust control with powertools.
- Extra long motor life.
- Supplied with a full complement of tools.
- Tool mounting points in base.
- Four stage, high efficiency filtration system.
- Bypass motor cooling system.
- Outstanding suction power and low noise.
- Liquid level overflow protection.
- Corrosion resistant, removable stainless steel bin.
- Mobile wheeled trolley, yet light enough to lift.



An impressive four stage filtering system provides high capture efficiencies. The pleated cartridge main filter is cleanable ensuring long life and low running costs. Throwaway filters are now a thing of the past.



VW4



Professional Vacuum Cleaners

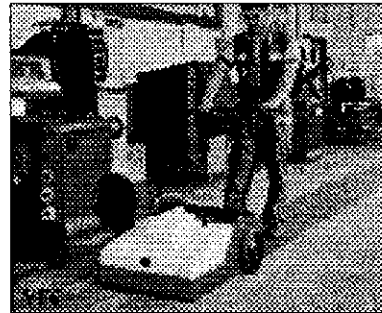
... setting a new benchmark in pollution control.

For factories and warehouses



Sweeper model VF5 incorporates a number of design innovations. By listening to customer feedback Ozone has achieved an optimum balance of features and unrivalled value for money:

- In built dust vacuum motor, with rechargeable battery.
- Cartridge filter for capturing fine dusts.
- In-built Vibro Cleaner, for long filter life.
- Battery charger indicator light.
- Two removable waste bins.
- Robust, corrosion resistant finish.
- Independent, belt-driven side brush for cleaning corners or under shelving etc. Brush lifts up when not in use.
- Cleaner easily fits through standard doorway.
- Operates equally well in forward or reverse.
- Adjustable height main brush for uneven surfaces.

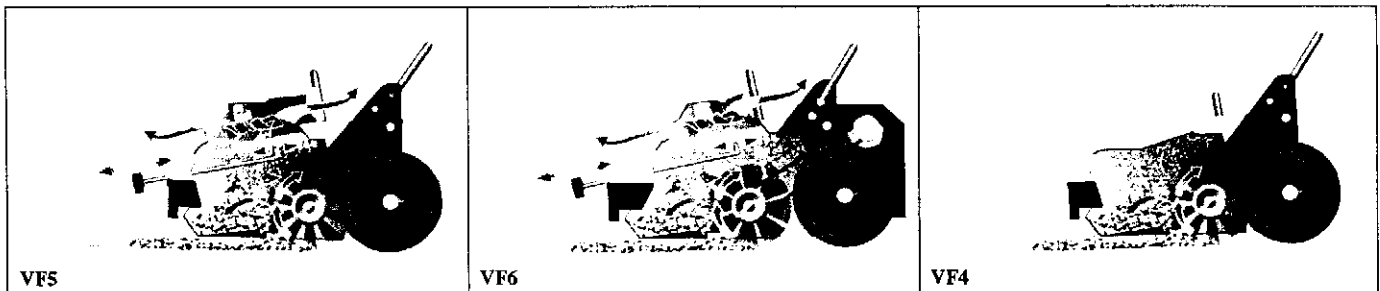


Model VF6 is the "top of the range" Sweeper. It incorporates all of the VF5 features but in addition it has two electric motors, both battery driven.

The main brush and side brush both spin automatically, for outstanding cleaning ability. The in-built battery driven extractor contains any fine dust, making the VF6 ideal for indoor use. It is supplied with a rechargeable battery, professional battery charger and in-built Vibro Filter Cleaner.

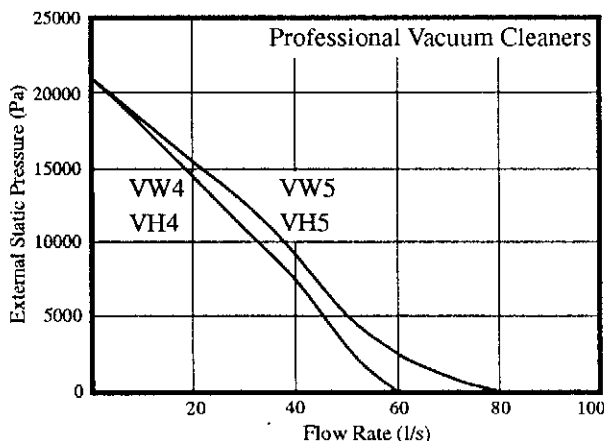


Model VF4 is a manual floor sweeper (with no batteries). However unlike other manual floor sweepers it has an all-metal chassis, ensuring long life. Other sweepers often last only one year. The VF4 is ideal for outdoor use or the budget conscious. Has two waste bins.

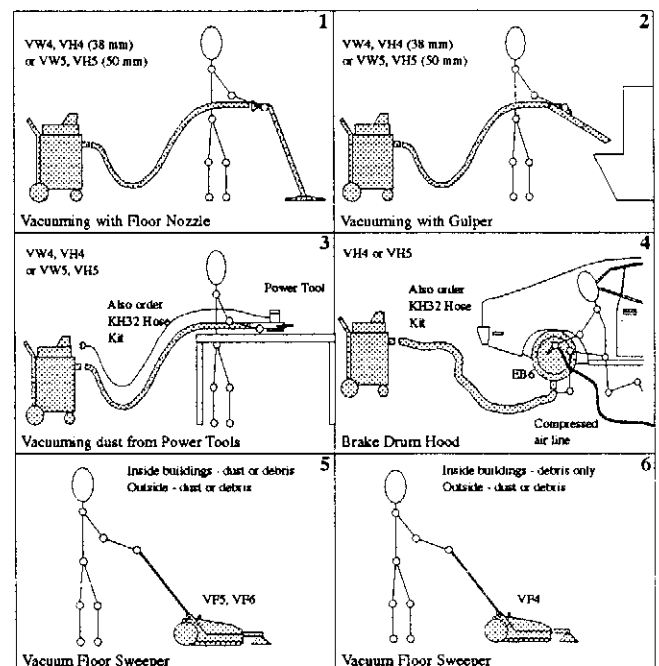


Applications

The curves below show the performance of the Vacuum Cleaners. The sketches opposite illustrate some common applications.



Curves show static pressure at Cleaner inlet. Set equal to static pressure of upstream system (system losses + velocity pressure at inlet). Tested with clean filters, ducted inlet (VW4, VH4 38 mm dia, VW5, VH5 50 mm), diffuse outlet, standard Cleaner at end of system (AMCA or BS type C).





Professional Vacuum Cleaners

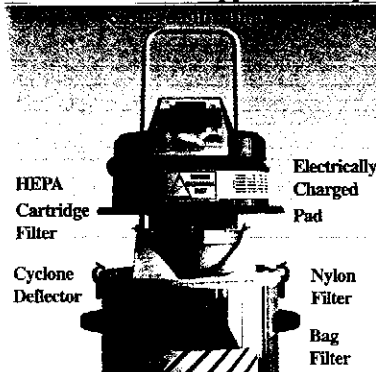
For factories and warehouses

HEPA Vacuum Cleaners

Models VH4, VH5

Models VH4 and VH5 incorporate the advanced features of Ozone's other Vacuum Cleaners with additional high efficiency HEPA filters. They are rated at 99.97% on dust particles as small as 0.3 micron (a human hair has a diameter of 50 microns). Ideal for those applications where pollutants are extremely fine or potentially harmful to health, such as hospitals, lead removal, the food industry, etc.

The Cleaners are supplied with plastic bags for safe dust disposal, an inlet plug to seal the Cleaner when the Vacuum Kit is disconnected, and detailed instructions.



HEPA Cartridge Filter

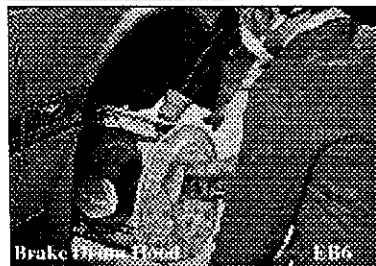
Cyclone Deflector

Electrically Charged Pad

Nylon Filter

Bag Filter

Unlike conventional cleaners, the HEPA filter is located before the motor, allowing the motor to be serviced without risk of contamination.

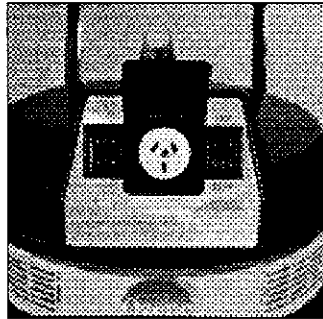


Brake Drum Hood

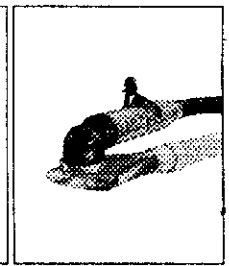
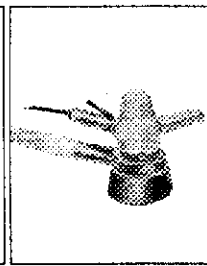
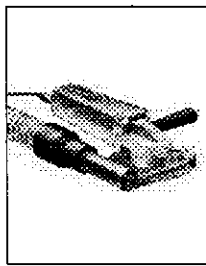
The Brake Drum Hood controls airborne fibres released during repair work in automotive workshops. The hood can be connected to either HEPA Cleaner.

Vacuuming Dust from Power Tools

Capturing dust from power tools at the point of origin has long been recognised as the best way to protect worker's health and safety. Ozone Vacuum Cleaners can perform this task with ease. Simply plug the electric power tool into the socket on the Cleaner and connect a vacuum hose to the manifold on the power tool.



Sophisticated electronics automatically start and stop the Vacuum Cleaner as the power tool is used. This minimises brush wear and prolongs vacuum motor life, ensuring trouble free service. All Ozone Vacuum Cleaner models have this feature as standard (models VW4, VW5, VH4 and VH5). This is a valuable bonus that conventional vacuum cleaners simply cannot match.



Vacuum Floor Sweepers

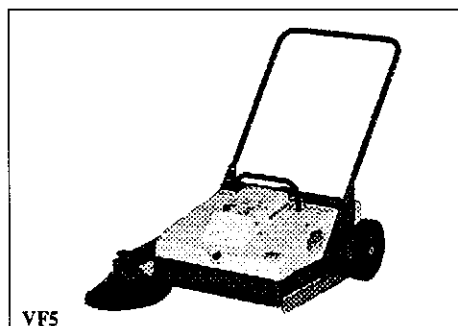
VF5, VF6, VF4

Vacuuming a large floor area? An Ozone Vacuum Floor Sweeper is the answer. These technologically advanced products offer a number of distinct advantages over conventional solutions:

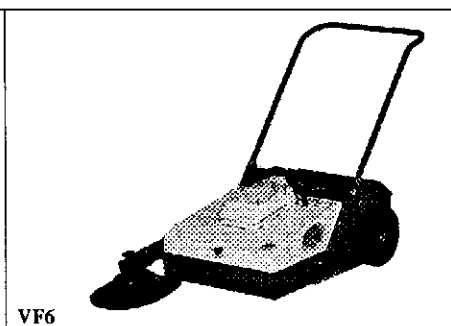
- Up to 2,800 m²/hour cleaning rate, compared with 250 m²/hour by broom: eleven times quicker. Reduces labour costs and increases productivity.
- Collects large debris, unlike vacuum cleaners with a floor sweeper accessory which will only remove fine dusts.
- No electricity required, so no flex or extension cords. Both practical and safe.

Ozone Floor Sweepers are the ideal partner for Ozone wet/dry Vacuum Cleaners, and in combination will perform all the cleaning tasks required around the busy factory or warehouse.

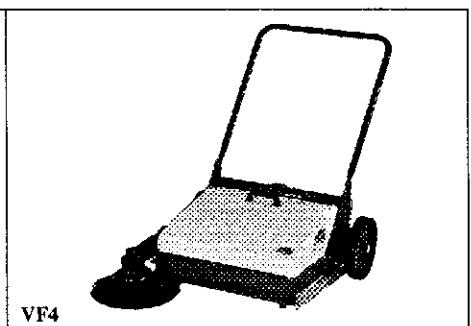
Model VF5 is a unique product with a dual cleaning action. A large sweeping brush rotates against the floor, lifting debris into waste containers. But in addition, *a built-in battery driven extractor* contains any fine dust which is then captured by an efficient cartridge filter. It is perfect for indoor use, unlike conventional floor sweepers which remove debris but at the same time also raise fine dust, causing airborne pollution.



VF5



VF6



VF4

Data Table

Product Code →	VW4	VW5	VH4	VH5	VF4	VF5	VF6
Type	Wet/Dry Vacuum Cleaner		HEPA Vacuum Cleaner		Floor Sweepers		
Vacuum Hose diameter (mm)	38	50	38	50	-		
Rated Flow (l/s)	60	80	60	80	-	30	30
Container Capacity (litres)	50		50		38	38	30
Dimensions, as standard – Width W (mm)	470		470		750	750	710
(case & wheels) – Length L (mm)	500		500		1250	1250	1370
– Height H (mm)	800		800		930	930	930
Weight, as standard, not including Vacuum Kit (kg)	14	15	16	17	26	31	48
Filter media area, main filter only (cm ²)	23,000		11,000 (HEPA)		-		
Sound Pressure Level, semi-reverberant, 1 m front, ducted inlet (dBA)	67		67		-		
Motor Type	AC, Single Phase, Brush, 1600 W, 7 m flex				DC Brush, 12 volt		
Maximum Battery Run Time (12 volt with charge indicator light)	-				4 Hours		
In-built rotary cleaning brushes	-				Side Brush & Main Brush, width 700mm		
Filter Cleaning System	Manual		Manual		Manual Vibro		
Applications – Pollutant	Debris/Dust/Liquid spills		Harmful Dust/Debris		Debris Dust/Debris		
– Wet or Dry	Wet or Dry		Dry		Dry		
– Typical Location at Building	Inside or Outside				Outside	Inside or outside	
– Typical Surfaces Cleaned	Machines, Structures, Shelves, Floors etc				Large floor areas: up to 2800 m ² /hr		
– Other	Power Tool Dust Extraction				-		

Vacuum Kit included with VW4 or VH4

1. Plastic hose 38 mm x 2 m and two couplings	6. Floor nozzle 260 mm
2. Plastic gulper 38 mm	7. Wet vacuum insert
3. Plastic extension	8. Dry vacuum insert
4. Crevice nozzle	
5. Triangular nozzle	

Vacuum Kit included with VW5 or VH5

1. Low static hose 50 mm x 5 m	7. Adjustable floor nozzle 460 mm
2. Chrome metal gulper 50 mm	8. Wet vacuum inserts x 2
3. Chrome metal extension	9. Dry vacuum inserts x 2
4. Two couplings	10. Rough surface insert
5. Crevice nozzle	
6. Round brush nozzle	

Technical and Safety notes

- Models VW4, VW5, VH4, VH5 can be used with power tools up to 800 W if fitted to a 240 Volt 10 amp system, or up to 2000 W if fitted to a 15 amp system.
- Best practice is to use Vacuum Sweeper models VF5 or VF6 for indoor use, to reduce airborne dust.
- Best practice is to use Vacuum Cleaner models VH4 or VH5 if there are potentially toxic dusts. Filters are rated at 99.97% on DOP particles.
- If requiring a low static system: order low static hose, electrically bond between tool/hose/duct/Cleaner at all connections, then earth. Check bonding/earthing periodically with an Ohm meter.
- Exercise caution with electrics when wet vacuuming.
- Read Instruction Manuals provided before operating products.
- This brochure describes **standard** products, designed for use in non-hazardous areas and for use with nuisance pollutants which are not: explosive, flammable, hot/incendiary, mixtures of sparks and combustibles, or corrosive. If risk of toxic pollutants (concentrations in breathing zone above exposure standards/TLV's), then also use personal respirators. Any request for non-standard products or for particular capture/filtration efficiencies or filters, must be stated in writing on the customer's final order and if accepted will be restated on Ozone's invoice.

Accessories

<p>Connect to VH4 or VH5</p> <p>Brake Drum Hood EB6</p>	<p>Includes 2.5 m x 32 mm plastic hose, 2 cuffs, 3 E clips to join hose to flex of power tool.</p> <p>Hose Kit KH32</p>																											
<p>Spare Filters for Wet/Dry Vacuum Cleaners VW4, VW5</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Cleaner</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Cartridge Filter</td> <td></td> <td>2963GA</td> </tr> <tr> <td>Nylon Skirt</td> <td></td> <td>2680AM</td> </tr> <tr> <td>Paper Bag (1)</td> <td></td> <td>2391AM</td> </tr> <tr> <td>Foam Filter</td> <td></td> <td>2679AM</td> </tr> </tbody> </table>	Type	Cleaner	Code	Cartridge Filter		2963GA	Nylon Skirt		2680AM	Paper Bag (1)		2391AM	Foam Filter		2679AM	<p>Spare Filters/Parts HEPA Vacuum Cleaners</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>HEPA Cartridge</td> <td>2961GA</td> </tr> <tr> <td>Coarse Pad</td> <td>2962SA</td> </tr> <tr> <td>Nylon Skirt</td> <td>2680AM</td> </tr> <tr> <td>Paper Bag (1)</td> <td>2391AM</td> </tr> <tr> <td>Plastic Bag (1)</td> <td>2902PB</td> </tr> </tbody> </table>	Type	Code	HEPA Cartridge	2961GA	Coarse Pad	2962SA	Nylon Skirt	2680AM	Paper Bag (1)	2391AM	Plastic Bag (1)	2902PB
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Useful Conversions

- 1m = 1000 mm = 3.38 feet
- 1kg = 1000 g = 2.20 pounds
- 1Pa = 0.102 mm water = 0.004 inches water
- 1 l/s = 3.60 m³/hr = 2.12 cfm
- 1kW = 1000 W = 0.746 hp

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