



KERSTAR

Part of Absolent
Air Care Group

KERSTAR INDUSTRIAL VACUUM CLEANERS

Built to Last



Manufactured by Filtermist Limited, part of Absolent Air Care Group, Kerstar is a leading global brand of industrial vacuum cleaners.

Kerstar vacuums are trusted by leading operators in a wide range of industries that require ATEX rated equipment including additive manufacturing, food and beverage production, and pharmaceuticals.

Trusted worldwide since 1959.



**MANUFACTURED
IN THE UK**



**HEAVY DUTY AND
BUILT TO LAST**



**HIGH
PERFORMANCE**



**THREE FILTRATION
STAGES AVAILABLE**

OUR INDUSTRIAL VACUUMS

Kerstar offers a wide range of high-performance industrial vacuum cleaners to suit all requirements.



**HAZARDOUS
DUST**



**ATEX
CERTIFIED**



**HANDHELD
MAINTENANCE**



BUILT FOR INDUSTRY

Kerstar vacuums are trusted by leading operators in a wide range of industries. From Additive Manufacturing to Food and Beverage, Kerstar vacuums make easy work of even the most challenging cleaning jobs.



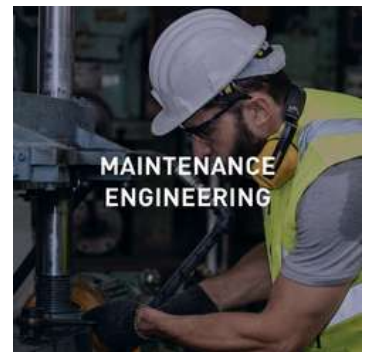
**ADDITIVE
MANUFACTURING**



PHARMACEUTICAL



**FOOD AND
BEVERAGE**



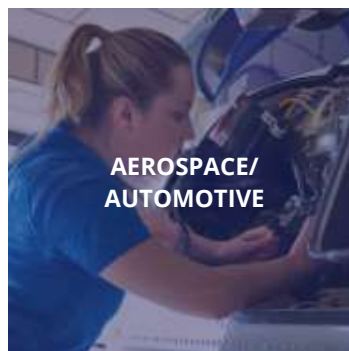
**MAINTENANCE
ENGINEERING**



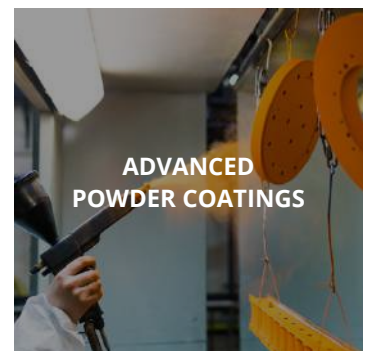
METALWORKING



**ASBESTOS
REMOVAL**



**AEROSPACE/
AUTOMOTIVE**



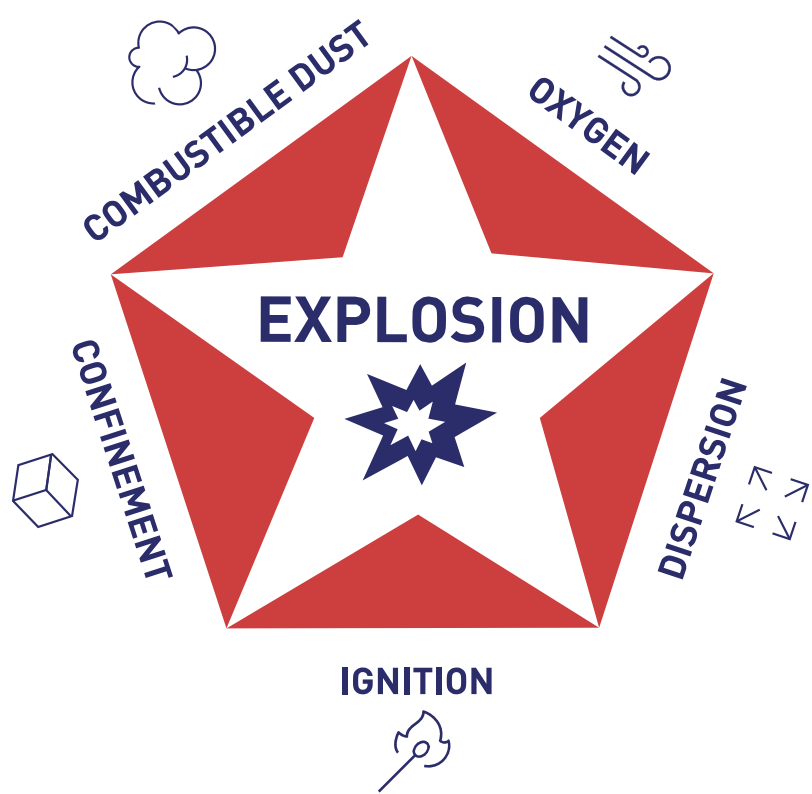
**ADVANCED
POWDER COATINGS**



ATEX CERTIFIED INDUSTRIAL VACUUM CLEANERS


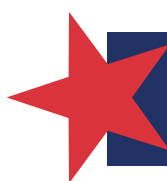
If there is a sufficient concentration of gases, mists, vapours, or dust, mixed with air, an ignition source can cause an explosion. In these environments an ATEX rated vacuum cleaner should be used.

The Kerstar brand includes a range of ATEX certified vacuum cleaners for use in atmospheres that are potentially explosive. With vacuums available for use in Gas Zones 1 & 2, and Dust Zones 21 & 22.



| Gas zone | Dust zone | Equipment group | Gas zone definition | Dust zone definition | Approved Kerstar models |
|----------|-----------|-----------------|--|--|--|
| 1 | 21 | II Category 2 | An area in which an explosive gas atmosphere is likely to occur in normal operation. | A place in which an explosive atmosphere in the form of a cloud of combustible dust in air is likely to occur in normal operation occasionally. | KAV 15 - KAV 45 (and Type H versions) |
| 2 | 22 | II Category 3 | An area in which an explosive gas atmosphere is not likely to occur in normal operation and, if it occurs, will only exist for a short time. | A place in which an explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only. | KAV 2 KAV 15 - KAV 45 (and Type H versions) |
| N/A | 22 | | N/A | | KEVA 20-45 (and Type H versions) |

Zone definitions source: www.hse.gov.uk



To find out more about our ATEX certified vacuum cleaners visit www.kerstar.com

Electric

KEVA Type H (ATEX Certified) Electric Vacuum Cleaner

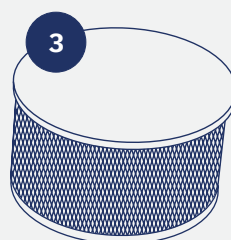
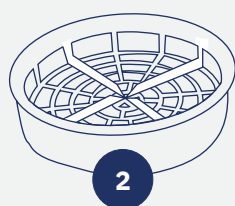
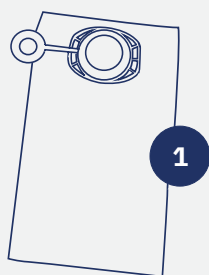
ATEX Category 3 • Dust Zone 22



- Designed to pick up combustible dust and debris.
- Also suitable for picking up dust and debris that is hazardous to health.

*Standard non
Type H available

Three stage filtration:



1. Microfibre bag
2. Anti-Static High Efficiency Filter
3. H14 grade HEPA filter

| | KEVA 20H | KEVA 30H | KEVA 45H |
|--------------------|--|----------|----------|
| Capacity (Litres): | 20 | 30 | 40 |
| Weight (Kg): | 21.2 | 26 | 26.8 |
| Performance: | 110V Max Airflow 200 M3/Hr Max Vacuum 2,100mm/WG 230V Max Airflow 210 M3/Hr Max Vacuum 2,300mm/WG | | |



Filtration
efficiency of
greater than
99.995% at
0.3-0.6
microns

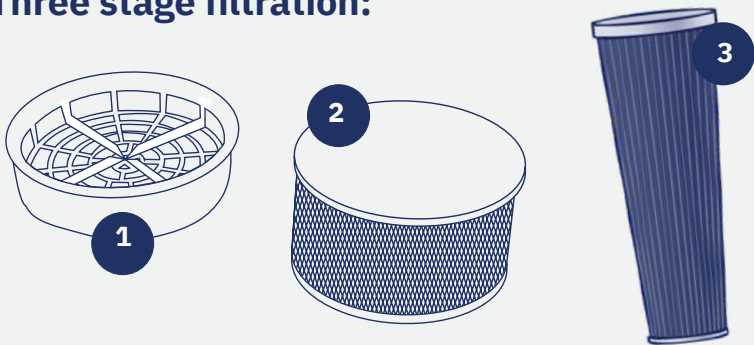
KEVA Premium 50L & CBS (ATEX Certified)



ATEX Category 3 • Dust Zone 22

- Designed to pick up combustible dust and debris.
- Reverse pulsation alternating filter cleaning - the most effective pneumatic filter cleaning system.

Three stage filtration:



1. Anti-Static High Efficiency Filter
2. H14 grade HEPA filter
3. M Class Conical Cartridge

| | KEVA PREMIUM 50L | KEVA PREMIUM CBS |
|--------------------|------------------------------|----------------------------------|
| Capacity (Litres): | 50 | 30 |
| Weight (Kg): | 70 | 26 |
| Performance: | 230V - 50Hz 210 max M3/Hr | 230V - 50-60 Hz 210 max M3/Hr |



KEVA PREMIUM 50L



KEVA PREMIUM CBS

Filtration efficiency of greater than 99.995% at 0.3-0.6 microns

Compressed air

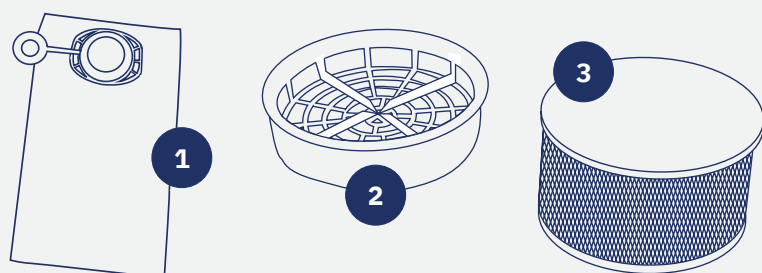
KAV Type H (ATEX Certified) Compressed Air Powered Vacuum Cleaner



ATEX Category 2 • Dust Zone 21 & 22 • Gas Zone 1 & 2

- Suitable for picking up hazardous dust and debris.
- As there are no electrical components or rotating parts, there is very little to go wrong with these vacuums - making them a low maintenance, very robust option.

Three stage filtration:



1. Microfibre bag
2. Anti-Static High Efficiency Filter
3. H14 grade HEPA filter

| | KAV 15H | KAV 20H | KAV 30H | KAV 45H |
|--------------------|--|---------|---------|---------|
| Capacity (Litres): | 9 | 20 | 30 | 40 |
| Weight (Kg): | 10.2 | 15.5 | 20.8 | 21.7 |
| Performance: | Max Airflow 120 M ³ /Hr Max Vacuum 2,500mm/WG | | | |



KAV 30H



KAV 15H

Filtration
efficiency of
greater than
99.995% at
0.3-0.6
microns

KAV Dry & KAV Wet & Dry (ATEX Certified) Compressed Air Powered Vacuum Cleaners

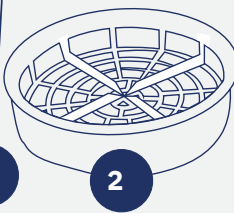
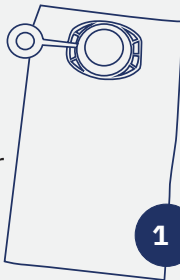
ATEX Category 2 • Dust Zone 21 & 22 • Gas Zone 1 & 2

- The KAV range is available in dry pick up only versions, and wet & dry versions that can be converted to pick up dry dust and debris or non-flammable and non-corrosive liquids.
- A robust and low maintenance vacuum with very little to go wrong thanks to the fact that they have no electrical components or rotating parts.

Two stage filtration*:

1. Microfibre bag
2. Anti-Static High Efficiency Filter

*Dry use only. For wet use, stages 1 & 2 are replaced with a float ball shut off assembly.



| | KAV 15 | KAV 20 | KAV 30 | KAV 45 |
|--------------------|---|------------------------------|------------------------------|------------------------------|
| Capacity (Litres): | 9 | 20 (Dry), 14/20 (Wet/Dry) | 30 (Dry), 24/30 (Wet/Dry) | 40 (Dry), 34/40 (Wet/Dry) |
| Weight (Kg): | 6.5 | 9 | 14.5 | 15.9 |
| Performance: | Max Airflow 120 M³/Hr Max Vacuum 2,500mm/WG | | | |

KAV 2 (ATEX Certified) Compressed Air Powered Handheld Vacuum Cleaner

ATEX Category 3 • Dust Zone 22 • Gas Zone 2

- A rugged die-cast aluminium trigger operated, ATEX certified air pistol vacuum cleaner.
- For the removal of almost any debris*, including glass, swarf, metal chippings, plastic particles, dust and powder. (*Not suitable for dusts hazardous to health).
- For fine dust or large volumes of debris, the cloth bag can be replaced with a range of different size interceptor tanks and filtration systems.



Bespoke Vacuums

Kerstar DGF & ESS



Kerstar DGF - Twin injector more than twice the power mobile compressed air vacuum cleaner. Suitable for flammable liquids, gases, vapours and odours. ATEX zone certified 1/2/21/22. With the standard unit, liquid can be drained away. Special pump out options available.

Kerstar ESS - Mobile, continuously operational, electrically operated industrial vacuum cleaner for vacuuming up combustible dusts in ATEX zone 22. Three phase 400v continuously operational.

Filters:

- | | | |
|---------------------------------------|-------------------------------------|----------------------------|
| 1. Microfibre bag | 3. HEPA H14 Cartridge Filter | 5. Activated Carbon Filter |
| 2. Anti-Static High Efficiency Filter | 4. M Class Conical Cartridge Filter | |

| | DGF | ESS |
|--------------------|------------------------|------------------------|
| Capacity (Litres): | 35/50 | 50 |
| Weight (Kg): | 43.5 | 105 |
| Performance: | 320 M ³ /Hr | 500 M ³ /Hr |



Kerstar DGF



Kerstar ESS

Carbon Fibre Anti-Static High Reach Pole Kits



A six metre anti-static carbon fibre wand set suitable for high reach cleaning alongside the KEVA 20-45 & KAV 15-45 models. The set consists of four x 1.5m wands to achieve a length of 6m. The set includes:

- 38mm Anti-Static Carbon Fibre Cuff to Wand Adaptor
- 38mm x 1.5m Anti-Static Carbon Fibre Wand
- 38mm Anti-Static Carbon Fibre Easy Angle 133° Adaptor
- 38mm Anti-Static Carbon Fibre Sharp Angle 65° Adaptor
- Carry Bag

*Optional extras & more tools available separately

**Longer length kits available



ATEX Rating - II 2 G D

Pharmaceutical FDA Approved Toolkit

This FDA approved toolkit comes with fully silicone clear tools which allows for visual check of dusts/powders on the tools, ensuring high hygiene standards. There are a wide range of tools and sizes, giving you cleaning solutions for every corner of the production machinery. The toolkit includes:

- 210 x 30mm Silicone Wide Mouth Nozzle
- 38mm x 1.5m Anti-Static Carbon Fibre Wand
- 40 x 60mm Silicone Inclined Pipe Nozzle
- 10mm Silicone Conical Suction Nozzle (Pointed Nozzle)
- 10mm Silicone Conical Suction Nozzle 90

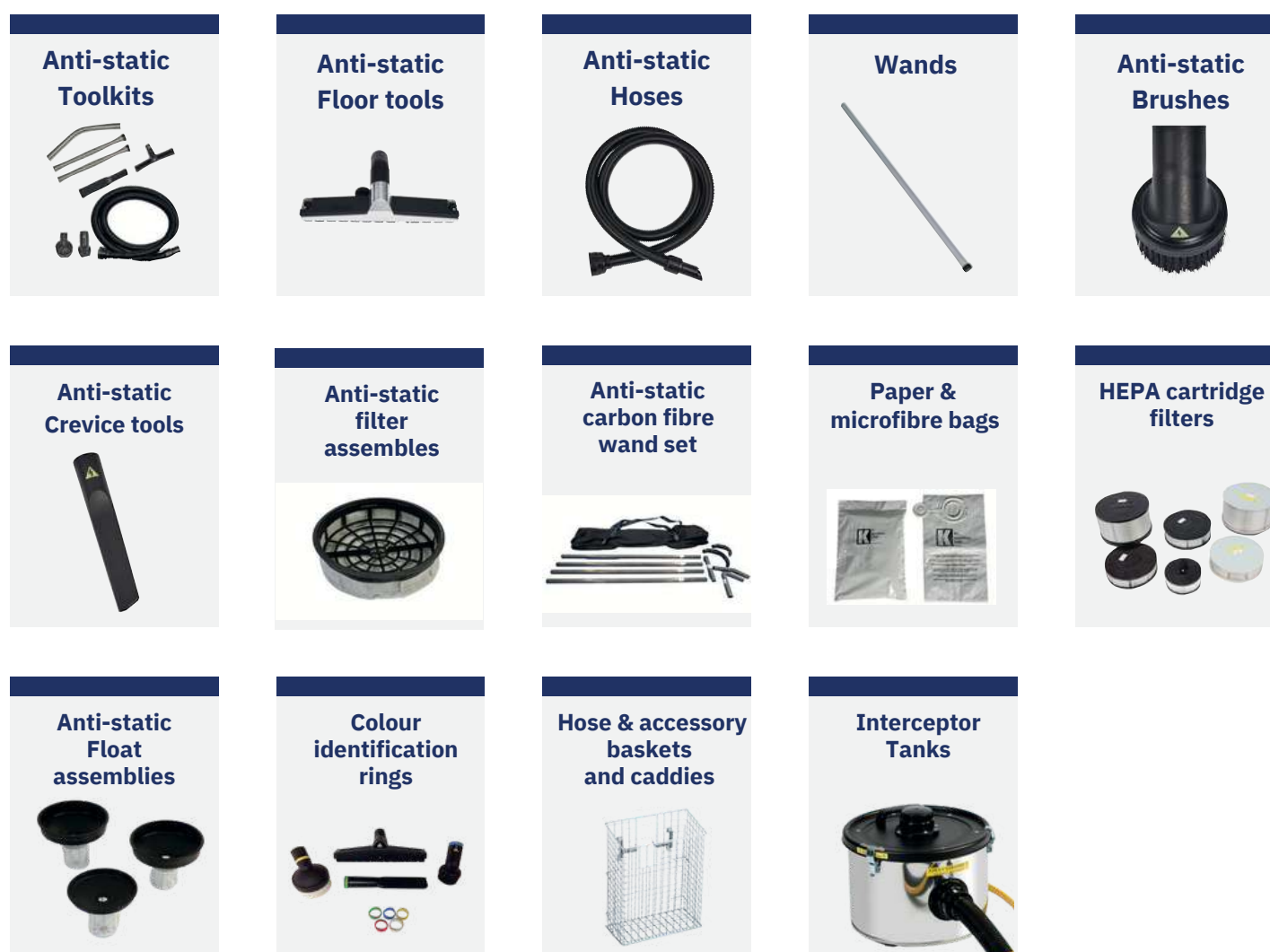


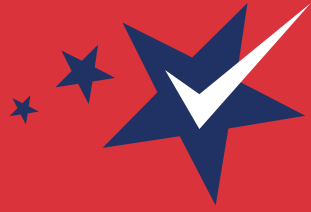
ACCESSORIES & CONSUMABLES

Kerstar offers a wide choice of toolkits, accessories and consumables so that the user can get the best out of their machine.

With standard accessory kits available in 32mm and 38mm options and a range of filters, motors and disposable bags, the Kerstar range includes everything needed to get the job done.

A range of 32mm, 38mm & 51mm accessories including:





OUR **QUALITY** PROMISE

Our philosophy is simple - we make industrial vacuum cleaners that are built to last.

Handcrafted using the highest quality materials, our vacuums have been built by experts in the UK since 1959. Every vacuum that leaves our factory has gone through a rigorous testing process to ensure it reaches you in perfect condition, and our tried and trusted manufacturing methods mean that Kerstar vacuums stand the test of time!

Manufactured in the UK by Filtermist Limited.

www.kerstar.com +44 (0)1952 290500 sales@filtermist.com



FILTERMIST