

KERSTAR

Part of Absolent
Air Care Group

ATEX

ATEX CERTIFIED INDUSTRIAL VACUUM CLEANERS

Built to Last



www.kerstar.com



ABOUT US

Manufactured and supplied by Filtermist Limited, part of the Absolent Air Care Group, Kerstar is a globally recognised brand of high-performance industrial vacuum cleaners. With a legacy spanning over six decades, Kerstar has been at the forefront of innovation, providing reliable and efficient vacuum solutions tailored to the needs of demanding industries.

Designed for safety, durability, and ease of use, Kerstar vacuums are trusted by leading operators across a diverse range of sectors, including 3D printing, food and beverage production, and pharmaceuticals. Many of our models are ATEX rated, ensuring compliance with stringent safety standards for hazardous environments where explosive dust and particles are a risk.

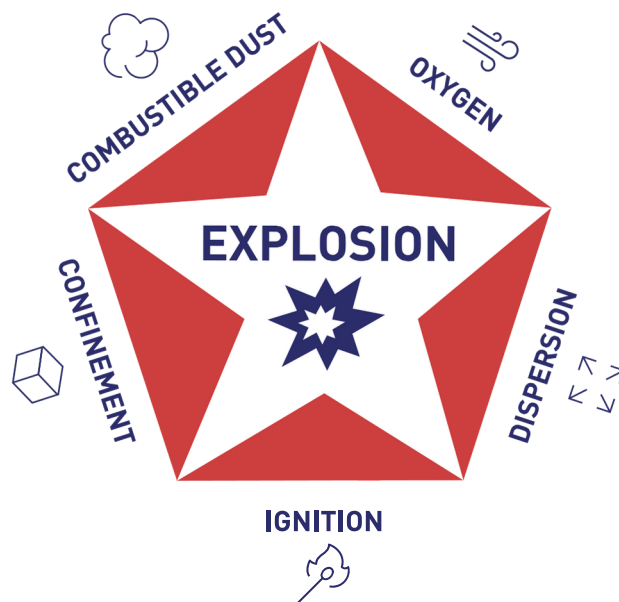
Built to last and engineered for precision, Kerstar vacuums deliver outstanding dust and debris control, helping businesses maintain cleaner, safer, and more efficient workspaces worldwide.

Kerstar – Trusted worldwide since 1959.



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, 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

ELECTRIC ATEX CERTIFIED VACUUMS

KEVA 20H



KERSTAR

Electric



- Category 3 equipment suitable for use in a Dust Zone 22 which safely and effectively picks up hazardous dusts and debris
- Three stages of filtration, achieving a filtration efficiency of 99.995% at 0.3-0.6 microns and incorporates H14 HEPA filter
- Fitted with a flashing LED warning light to indicate potential filter blockages

Supplied with:

- 5 x disposable microfibre bags
- Spare secondary high efficiency filter assembly
- Complete 38mm anti-static accessory kit

The KEVA range is also available in non Type H versions.

Type	ATEX Certified - Type H
Motor	1050W Max / 900W Mean 1150W Max / 1000W Mean
Power	230V / 110V
Frequency	50/60Hz
Air Flow	110V Max Airflow 200 M3/H Max Vacuum 2100mm/WG 230V Max Airflow 210 M3/H Max Vacuum 2300mm/WG
Dimensions (H x W x D)	830x440x440mm
Weight	21.1kg
Capacity	20L
Filtration	Microfibre Bag Anti-Static High Efficiency Filter H14 Grade HEPA Filter
Mobility	4 x 75mm conductive castors and conductive plastic chassis with locking/braked castor
Cleaning Range	28m

KEVA 30H



KERSTAR

Electric



- Category 3 equipment suitable for use in a Dust Zone 22 which safely and effectively picks up hazardous dusts and debris
- Three stages of filtration, achieving a filtration efficiency of 99.995% at 0.3-0.6 microns and incorporates H14 HEPA filter
- Fitted with a flashing LED warning light to indicate potential filter blockages

Supplied with:

- 5 x disposable microfibre bags
- Spare secondary high efficiency filter assembly
- Complete 38mm anti-static accessory kit

The KEVA range is also available in non Type H versions.

Type	ATEX Certified - Type H
Motor	1050W Max / 900W Mean 1150W Max / 1000W Mean
Power	230V / 110V
Frequency	50/60Hz
Air Flow	110V Max Airflow 200 M3/H Max Vacuum 2100mm/WG 230V Max Airflow 210 M3/H Max Vacuum 2300mm/WG
Dimensions (H x W x D)	960x450x500mm
Weight	26kg
Capacity	30L
Filtration	Microfibre Bag Anti-Static High Efficiency Filter H14 Grade HEPA Filter
Mobility	Mounted on detachable stainless steel caddy with conductive wheels and castors and a locking/braked castor
Cleaning Range	28m

KEVA 45H



KERSTAR

Electric



- Category 3 equipment suitable for use in a Dust Zone 22 which safely and effectively picks up hazardous dusts and debris
- Three stages of filtration, achieving a filtration efficiency of 99.995% at 0.3-0.6 microns and incorporates H14 HEPA filter
- Fitted with a flashing LED warning light to indicate potential filter blockages

Supplied with:

- 5 x disposable microfibre bags
- Spare secondary high efficiency filter assembly
- Complete 38mm anti-static accessory kit

The KEVA range is also available in non Type H versions.

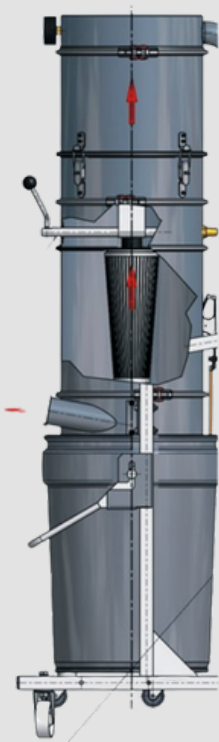
Type	ATEX Certified - Type H
Motor	1050W Max / 900W Mean 1150W Max / 1000W Mean
Power	230V / 110V
Frequency	50/60Hz
Air Flow	110V Max Airflow 200 M3/H Max Vacuum 2100mm/WG 230V Max Airflow 210 M3/H Max Vacuum 2300mm/WG
Dimensions (H x W x D)	1080x450x500mm
Weight	26.8kg
Capacity	40L
Filtration	Microfibre Bag Anti-Static High Efficiency Filter H14 Grade HEPA Filter
Mobility	Mounted on detachable stainless steel caddy with conductive wheels and castors and a locking/braked castor
Cleaning Range	28m

KEVA PREMIUM 50L



KERSTAR

Electric



- Category 3 equipment suitable for use in a Dust Zone 22 which safely and effectively picks up hazardous dusts and debris
- Three stages of filtration, achieving a filtration efficiency of 99.995% at 0.3-0.6 microns and incorporates H14 HEPA filter
- Patented alternating filter cleaning system
- Bagless 50 litre container (bagging option available)

Type	ATEX Certified - Type H / Type M
Motor	ATEX Brushless
Power	230V
Frequency	50Hz
Air Flow	210 (max M3/H)
Dimensions (H x W x D)	840x665x1690mm
Weight	70kg
Capacity	50L
Filtration	M Class Conical Cartridge H14 Grade HEPA Filter
Mobility	Electrically Conductive Castors and Wheels
Cleaning Range	10m Cable / 2m Earthing Clamp



Electric



- Category 3 equipment suitable for use in a Dust Zone 22 which safely and effectively picks up hazardous dusts and debris
- Three stages of filtration, achieving a filtration efficiency of 99.995% at 0.3-0.6 microns and incorporates H14 HEPA filter
- Patented alternating filter cleaning system
- Continuous Bagging System (CBS) allows operators to bag and remove contaminants without ever risking contact with the particulate

Type	ATEX Certified - Type H / Type M
Motor	ATEX Brushless
Power	230V
Frequency	50-60Hz
Air Flow	210 (max M3/H)
Dimensions (H x W x D)	840x665x1690mm
Weight	70kg
Capacity	50L
Filtration	M Class Conical Cartridge H14 Grade HEPA Filter
Mobility	Electrically Conductive Castors and Wheels
Cleaning Range	10m Cable / 2m Earthing Clamp

AIR POWERED ATEX CERTIFIED VACUUMS

KAV 15H



KERSTAR

Compressed Air



- Category 2 equipment suitable for picking up hazardous dust and debris in Gas Zone 1 and Dust Zones 21 & 22
- Three stages of filtration, achieving a filtration efficiency of 99.995% at 0.3-0.6 microns and incorporates H14 HEPA filter
- Affordable, robust and low maintenance - no electrical or rotating components so very little can go wrong

Supplied with:

- 5 x disposable microfibre bags
- Spare secondary high efficiency filter assembly
- Complete 38mm anti-static accessory kit
- Test certificate for earth path continuity

Type	ATEX Certified - Type H
Air Flow	Max Airflow 120 M3/H Max Vacuum 2500mm/WG
Dimensions (H x W x D)	560x380x380mm
Weight	10.2kg
Capacity	9L
Filtration	Microfibre Bag Anti-Static High Efficiency Filter H14 Grade HEPA Filter
Mobility	4 x 75mm Conductive Heavy Duty Castors
Cleaning Range (from air point)	16m

KAV 20H



KERSTAR

Compressed Air



- Category 2 equipment suitable for picking up hazardous dust and debris in Gas Zone 1 and Dust Zones 21 & 22
- Three stages of filtration, achieving a filtration efficiency of 99.995% at 0.3-0.6 microns and incorporates H14 HEPA filter
- Affordable, robust and low maintenance - no electrical or rotating components so very little can go wrong

Supplied with:

- 5 x disposable microfibre bags
- Spare secondary high efficiency filter assembly
- Complete 38mm anti-static accessory kit
- Test certificate for earth path continuity

Type	ATEX Certified - Type H
Air Flow	Max Airflow 120 M3/H Max Vacuum 2500mm/WG
Dimensions (H x W x D)	730x440x440mm
Weight	15.5kg
Capacity	20L
Filtration	Microfibre Bag Anti-Static High Efficiency Filter H14 Grade HEPA Filter
Mobility	4 x 75mm Conductive Heavy Duty Castors
Cleaning Range (from air point)	16m

KAV 30H



KERSTAR

Compressed Air



- Category 2 equipment suitable for picking up hazardous dust and debris in Gas Zone 1 and Dust Zones 21 & 22
- Three stages of filtration, achieving a filtration efficiency of 99.995% at 0.3-0.6 microns and incorporates H14 HEPA filter
- Affordable, robust and low maintenance - no electrical or rotating components so very little can go wrong

Supplied with:

- 5 x disposable microfibre bags
- Spare secondary high efficiency filter assembly
- Complete 38mm anti-static accessory kit
- Test certificate for earth path continuity

Type	ATEX Certified - Type H
Air Flow	Max Airflow 120 M3/H Max Vacuum 2500mm/WG
Dimensions (H x W x D)	875x460x500mm
Weight	20.8kg
Capacity	30L
Filtration	Microfibre Bag Anti-Static High Efficiency Filter H14 Grade HEPA Filter
Mobility	2 x 275mm conductive heavy duty castors and 2 x 200mm conductive wheels on a heavy duty tubular stainless steel caddy - canister is detachable from caddy
Cleaning Range (from air point)	16m

KAV 45H



KERSTAR

Compressed Air



- Category 2 equipment suitable for picking up hazardous dust and debris in Gas Zone 1 and Dust Zones 21 & 22
- Three stages of filtration, achieving a filtration efficiency of 99.995% at 0.3-0.6 microns and incorporates H14 HEPA filter
- Affordable, robust and low maintenance - no electrical or rotating components so very little can go wrong

Supplied with:

- 5 x disposable microfibre bags
- Spare secondary high efficiency filter assembly
- Complete 38mm anti-static accessory kit
- Test certificate for earth path continuity

Type	ATEX Certified - Type H
Air Flow	Max Airflow 120 M3/H Max Vacuum 2500mm/WG
Dimensions (H x W x D)	975x460x500mm
Weight	21.7kg
Capacity	40L
Filtration	Microfibre Bag Anti-Static High Efficiency Filter H14 Grade HEPA Filter
Mobility	2 x 275mm conductive heavy duty castors and 2 x 200mm conductive wheels on a heavy duty tubular stainless steel caddy - canister is detachable from caddy
Cleaning Range (from air point)	16m

KAV 15 (Dry) KAV 15 (Wet/Dry)



KERSTAR

Compressed Air



- Category 2 equipment suitable for picking up hazardous dust and debris in Gas Zone 1 and Dust Zones 21 & 22
- Affordable, robust and low maintenance - no electrical or rotating components so very little can go wrong
- 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.

Supplied with:

- 5 x disposable microfibre bags
- Spare secondary high efficiency filter assembly
- Complete 38mm anti-static accessory kit
- Test certificate for earth path continuity

Wet & Dry Models are supplied with a conductive ball type float shut-off assembly.

Type	Dry / Wet & Dry - ATEX Certified
Air Flow	Max Airflow 120 M3/H Max Vacuum 2500mm/WG
Dimensions (H x W x D)	430x380x380mm
Weight	6.5kg
Capacity	9L
Dry Use Filtration	Microfibre Bag Anti-Static High Efficiency Filter
Wet Use Filtration	Float Ball Shut Off Assembly
Mobility	4 x 75mm Conductive Heavy Duty Castors
Cleaning Range (from air point)	16m

KAV 20 (Dry) KAV 20 (Wet/Dry)



KERSTAR

Compressed Air



- Category 2 equipment suitable for picking up hazardous dust and debris in Gas Zone 1 and Dust Zones 21 & 22
- Affordable, robust and low maintenance - no electrical or rotating components so very little can go wrong
- 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.

Supplied with:

- 5 x disposable microfibre bags
- Spare secondary high efficiency filter assembly
- Complete 38mm anti-static accessory kit
- Test certificate for earth path continuity

Wet & Dry Models are supplied with a conductive ball type float shut-off assembly.

Type	Dry / Wet & Dry - ATEX Certified
Air Flow	Max Airflow 120 M3/H Max Vacuum 2500mm/WG
Dimensions (H x W x D)	525x440x440mm
Weight	9kg
Capacity	20L (Dry) 14L/20L (Wet/Dry)
Dry Use Filtration	Microfibre Bag Anti-Static High Efficiency Filter
Wet Use Filtration	Float Ball Shut Off Assembly
Mobility	4 x 75mm Conductive Heavy Duty Castors
Cleaning Range (from air point)	16m

KAV 30 (Dry) KAV 30 (Wet/Dry)



KERSTAR

Compressed Air



- Category 2 equipment suitable for picking up hazardous dust and debris in Gas Zone 1 and Dust Zones 21 & 22
- Affordable, robust and low maintenance - no electrical or rotating components so very little can go wrong
- 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.

Supplied with:

- 5 x disposable microfibre bags
- Spare secondary high efficiency filter assembly
- Complete 38mm anti-static accessory kit
- Test certificate for earth path continuity

Wet & Dry Models are supplied with a conductive ball type float shut-off assembly.

Type	Dry / Wet & Dry - ATEX Certified
Air Flow	Max Airflow 120 M3/H Max Vacuum 2500mm/WG
Dimensions (H x W x D)	895x460x500mm
Weight	14.5kg
Capacity	30L (Dry) 24L/30L (Wet/Dry)
Dry Use Filtration	Microfibre Bag Anti-Static High Efficiency Filter
Wet Use Filtration	Float Ball Shut Off Assembly
Mobility	2 x 275mm conductive heavy duty castors and 2 x 200mm conductive wheels on a heavy duty tubular stainless steel caddy - canister is detachable from caddy
Cleaning Range (from air point)	16m

KAV 45 (Dry) KAV 45 (Wet/Dry)



KERSTAR

Compressed Air



- Category 2 equipment suitable for picking up hazardous dust and debris in Gas Zone 1 and Dust Zones 21 & 22
- Affordable, robust and low maintenance - no electrical or rotating components so very little can go wrong
- 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.

Supplied with:

- 5 x disposable microfibre bags
- Spare secondary high efficiency filter assembly
- Complete 38mm anti-static accessory kit
- Test certificate for earth path continuity

Wet & Dry Models are supplied with a conductive ball type float shut-off assembly.

Type	Dry / Wet & Dry - ATEX Certified
Air Flow	Max Airflow 120 M3/H Max Vacuum 2500mm/WG
Dimensions (H x W x D)	895x460x500mm
Weight	15.9kg
Capacity	40L (Dry) 34L/40L (Wet/Dry)
Dry Use Filtration	Microfibre Bag Anti-Static High Efficiency Filter
Wet Use Filtration	Float Ball Shut Off Assembly
Mobility	2 x 275mm conductive heavy duty castors and 2 x 200mm conductive wheels on a heavy duty tubular stainless steel caddy - canister is detachable from caddy
Cleaning Range (from air point)	16m

HANDHELD ATEX CERTIFIED VACUUMS

Compressed Air



- Category 3 equipment suitable to pick up potentially explosive and conductive dust and debris in a Dust Zone 22
- Option to increase capacity by replacing the cloth bag with an interceptor tank
- Saves time and money - quicker compared to manual cleaning
- Simple to use, lightweight and easy to manoeuvre

Due to its construction and its anti-static (conductive) air supply hose, any static build up can be dissipated. However, it is the user's responsibility to ensure and maintain a good earth bond at the compressed air connection point.

*Not suitable for dusts hazardous to health.

Type	ATEX Certified - Handheld
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ACCESSORIES & CONSUMABLES



ATEX Rating - II 2 G D

Carbon Fibre Anti-Static High Reach Pole Kit

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



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
- 40 x 60mm Silicone Inclined Pipe Nozzle with Stainless Steel Hose Connector
- 110 x 30mm Silicone Fan Nozzle with Stainless Steel Hose Connector
- 10mm Silicone Conical Suction Nozzle (Pointed Nozzle) with Stainless Steel Hose Connector
- 10mm Silicone Conical Suction Nozzle 90 with Stainless Steel Hose Connector

ACCESSORIES

KERSTAR

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 a range of filters, motors and disposable bags, the Kerstar range includes everything needed to get the job done.

A range of 38mm & 51mm accessories including:

Anti-Static Toolkits



Anti-Static Floor Tools



Anti-Static Hoses



Wands



Anti-Static Brushes



Anti-Static Crevice Tools



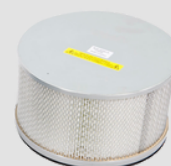
Anti-Static Filter Assemblies



Paper & Microfibre Bags



HEPA Cartridge Filters



Anti-Static Float Assemblies



Interceptor Tanks



KERSTAR

Part of Absolent
Air Care Group

OUR QUALITY PROMISE



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

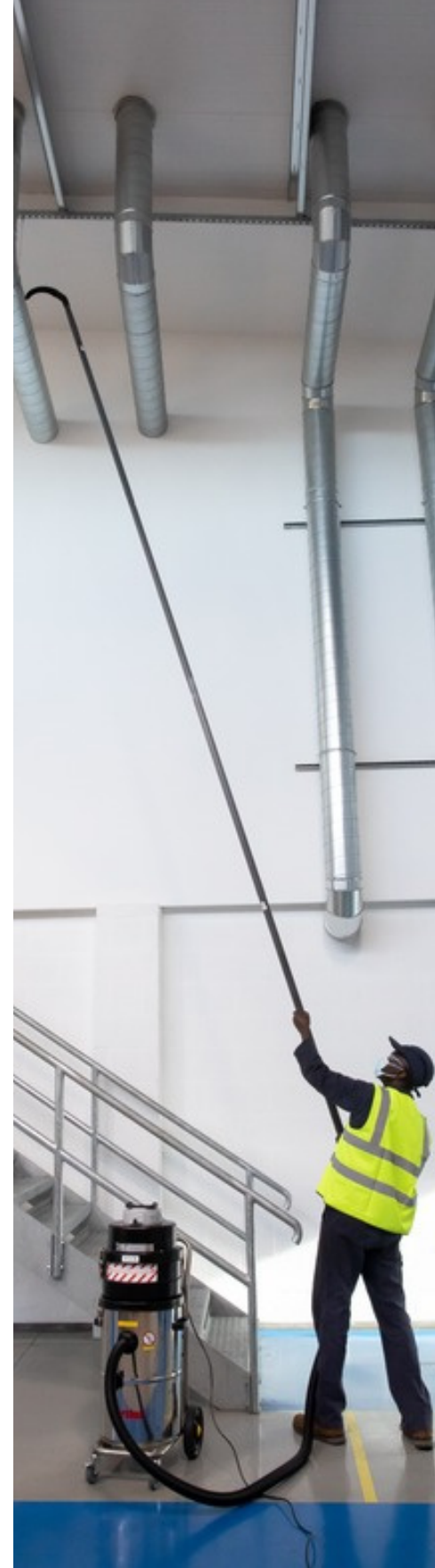
Handcrafted using the highest quality materials, our vacuums have been built by experts in the UK since 1959. Every vacuum that leaves our factory has gone through a rigorous testing process to ensure it reaches you in perfect condition, and our tried and trusted manufacturing methods mean that Kerstar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

www.kerstar.com

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Kerstar products are manufactured and supplied by Filtermist Limited.



 **FILTERMIST**

Part of Absolent Air Care Group