

Air Quality Control



We are Sunbelt Rentals

Excited by opportunity. Inspired by technology. Powered by people. We are Sunbelt Rentals – the UK’s largest equipment rental and service solutions provider.

We invest in the latest, most efficient technology to reduce fuel usage and emissions. We recruit and train our own team of experts who know your industry inside out. We regularly maintain and service our equipment to maximise safety, performance, and productivity.

We are the team behind your team, the people you can trust.



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Air Quality Control

Air quality control is essential in creating and maintaining a healthy and safe environment for your workers, patients, customers and the general public.

It is estimated that the average person spends 90%* of their time indoors and inhales over 11,000** litres of air every day, making poor air quality a leading cause of many short-term and long-term health complaints. From respiratory problems and allergies to deadly cancers and cardiovascular diseases.

Working with industry-leading manufacturers, we have built a fleet of the most innovative and effective air quality control equipment, all readily available for hire with expert support and installation.

From the HEPACART® and STARC® ranges to ventilation and extraction equipment and mobile dust and fume extraction – we'll work with you and your unique environment to deliver a bespoke solution that protects everyone.

We provide solutions for:

- Hospitals
- Industrial and manufacturing plants
- Construction sites
- Education settings
- Office and commercial spaces
- Events and festivals

Plus many more.

*www.opinium.com/brits-spend-90-of-their-time-indoors/

**www.seetheair.org/2017/01/31/we-breathe-11000-liters-of-air-daily/

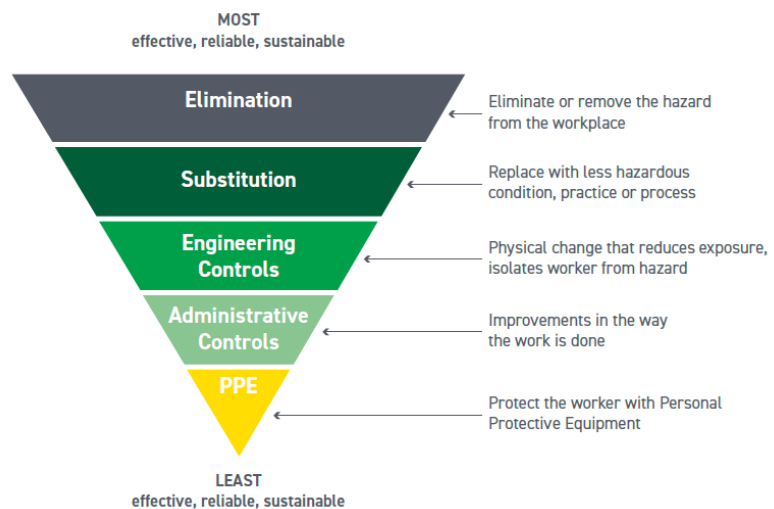


Hierarchy of Controls

A Hierarchy of Controls is a structured approach to implementing the most effective risk control measures possible.

When working in environments that are susceptible to airborne hazards, it is vital that you determine which control measures will provide people with the safest way to minimise risk.

We can support you with Engineering Controls that improve the air quality of your environment, as well as accredited Face Fit Testing to ensure any Respiratory Protection Equipment (RPE) is being worn correctly.



Mobile Dust Extraction & Filtration

Dust can be produced when materials are cut, drilled, demolished, sanded, or shovelled.

Not all dust particles are the same; some are more harmful than others. Dust extraction and filtration equipment, combined with effective monitoring and measurement and properly fitted respiratory protective equipment (RPE), can greatly reduce the risk.

We supply mobile dust extraction and filtration equipment from leading manufacturers suitable for environments including construction sites, manufacturing facilities, outdoor events, and many more.



Husqvarna A25 Air Cleaner

Compact and easy to transport, the Husqvarna A25 is suitable for smaller refurbishment, maintenance and construction projects where airborne dust needs to be managed.

Delivering airflow rates of up to 540m³/hr, the unit can be used as both an air cleaner and a negative air machine, while its stackable design allows for convenient storage and transportation between sites.

Features & Benefits:

- Compact and lightweight design.
- Operates as both an air cleaner and negative air machine.
- Stackable for easy storage and transport.
- Visual filter saturation monitoring.
- Easy access for servicing and filter changes.
- Suitable for refurbishment and maintenance applications.



Specifications:

Width	41cm
Height	43cm
Length	34cm
Weight	14kg
Airflow	540m ³ /hr
Power Consumption:	110v 0.23kW
Coverage Area:	Up to 25m ²
Filter Class	H13
Power Supply	Single Phase (1ph)

Mobile Dust Extraction & Filtration Products

Husqvarna A45 Air Cleaner

Delivering airflow rates of up to 1,000m³/hr, the Husqvarna A45 is suited to refurbishment, construction and maintenance projects where effective airborne dust control is required.

The unit can operate as both an air cleaner and a negative air machine, while its compact, stackable design makes it easy to transport, store and position around site.

Features & Benefits:

- Compact and stackable design.
- Operates as both an air cleaner and negative air machine.
- Multiple fan speed settings.
- Easy to transport and position on site.
- Visual filter saturation monitoring.
- Suitable for refurbishment and construction applications.

Specifications:

Width	41cm
Height	58cm
Length	37cm
Weight	20kg
Airflow	1,000m³/hr
Power Consumption	110v 0.53kW
Coverage Area	Up to 45m²
Filter Class	H13
Power Supply	Single Phase (1ph)



Husqvarna A100 Air Cleaner

Offering airflow rates of up to 2,010m³/hr, the Husqvarna A100 is suitable for dust control in larger construction, demolition and refurbishment projects. The unit can operate as both an air cleaner and negative air machine, helping to maintain cleaner working environments where airborne dust is generated. Its compact design and transport wheels make it easy to position around site as project requirements change.

Features & Benefits:

- Operates as both an air cleaner and negative air machine.
- Suitable for larger refurbishment and demolition projects.
- Multiple fan speed settings for application flexibility.
- Compact design with integrated transport wheels.
- Stackable design for storage and transportation.
- Supports dust management in occupied buildings.

Specifications:

Width	53cm
Height	98cm
Length	49cm
Weight	42kg
Airflow	2,010m³/hr
Power Consumption	110v 0.61kW
Coverage Area	Up to 100m²
Filter Class	H13
Power Supply	Single Phase (1ph)



Mobile Dust Extraction & Filtration Products

Dust Control DC Air Cube 500 110V Air Cleaner

A highly efficient, robust, and compact air cleaner. The encapsulated fan housing contains a radial blower-type fan that builds high pressures across its entire flow range, providing effective air cleaning for the lifetime of the filter.

Features & Benefits:

- Energy-saving features with a continuously variable fan speed.
- The HEPA-13 filter captures even the smallest particles.
- Light indicates when the filter needs replacing to maintain optimum performance.

Specifications:

Width	34cm
Height	38cm
Length	50cm
Weight	13kg
Inlet/Outlet Diameter	38 x 34cm/12.5cm
Power Consumption	110v 0.195kW
Filter Class	H13
Noise Levels	45 – 65dB(A)



Dust Control DC AirCube 1200 110V Air Cleaner

A highly efficient and robust air cleaner capable of cleaning large rooms at a rate of up to 1,060 m³/h.

The encapsulated fan housing contains a radial blower-type fan that builds high pressures across its entire flow range, providing effective air cleaning for the lifetime of the filter.

Features & Benefits:

- Energy-saving features with a continuously variable fan speed.
- HEPA-13 filter captures even the smallest particles.
- Light indicates when the filter needs replacing to maintain optimum performance.

Specifications:

Width	43cm
Height	86cm
Length	55cm
Weight	23kg
Inlet/Outlet Diameter	31.5cm
Power Consumption	110V 0.375kW
Filter Class	H13
Noise Levels	60 – 68dB(A)



Mobile Dust Extraction & Filtration Products

Dust Control DC AirCube 2000 110V Air Cleaner

A powerful air cleaner with a robust, stainless-steel chassis and an encapsulated fan. With a variable speed setting and a capacity of approximately 1,800 m³/hr. The ergonomic design makes it easy to carry and transport.

Features & Benefits:

- Can be operated when positioned horizontally.
- HEPA-13 filter captures even the smallest particles, covering an area of 10m².
- Light indicates when the filter needs replacing to maintain optimum performance.

Specifications:

Width	56cm
Height	102cm
Length	70cm
Weight	30kg
Inlet/Outlet Diameter	31.5cm 31.5cm
Power Consumption	110v 0.375kW
Filter Class	H13
Noise Levels	60 – 68dB(A)



MAXVAC Dustblocker DB4000 110V Air Cleaner

Providing high air filtration to effectively keep products and workspaces free from airborne dust particles. The HEPA 13 filter delivers the highest standard of filtration to protect you and your workforce.

Designed for ease-of-use with ducting that provides direct extraction in the work area, or for use in a work tent where cutting and grinding causes large volumes of dust. It is suitable for use in large spaces including construction and manufacturing plants.

Features & Benefits:

- Easy to operate.
- Easy to move and transport between workspaces with locking wheels.
- Equipped with a 3-stage filtration system, including a HEPA-13 filter.
- Light indicates when the filter needs replacing to maintain optimum performance.

Specifications:

Width	70cm
Height	85cm
Length	170cm
Weight	60kg
Inlet	40cm
Power Consumption	110v 0.375kW
Filter Class	H13
Noise Levels	50 dB(A)



Mobile Dust Extraction & Filtration Products

Maxvac Dustblocker Pro 80 415v Air Cleaner

Designed for large-scale dust control applications, the Dustblocker Pro 80 delivers powerful air cleaning performance for construction, industrial and refurbishment environments.

Capable of filtering up to 28,800m³/hr, it is suitable for large enclosed spaces including warehouses, manufacturing facilities, hospitals and major construction projects.

The multi-stage filtration system helps maintain cleaner working environments and supports effective dust management across high-volume areas.

Features & Benefits:

- Designed for large-scale dust control applications.
- High airflow capacity for rapid air changes.
- Heavy-duty construction for demanding site environments.
- Mobile unit with lockable castors.
- Suitable for continuous operation.
- Supports improved air quality in occupied buildings.

Specifications:

Width	120cm
Height	194cm
Length	127cm
Weight	195kg
Airflow	28,800m³/hr
Power Consumption	415V 3kW
Coverage Area	Up to 25m²
Filter Class	H13
Noise Levels	81dB(A)



Hepaforce Scrubbers

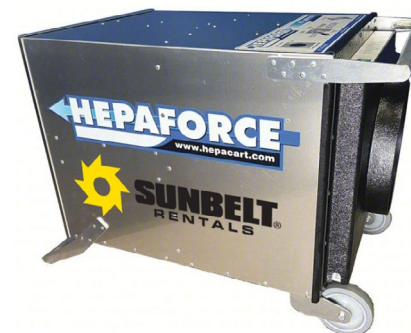
Negative air machines and scrubbers are used to clean the air and create positive or negative air pressure in medical facilities, factories, commercial buildings, construction sites, and even confined spaces.

Manufactured in medical-grade aluminium with HEPA filtration, cleaning air to 99.99% at 0.3 microns rated for ICRA compliance levels 1 – 1V.

Features & Benefits:

- Easy to operate.
- Easy to move with two hospital-grade non-marking casters.
- Aircraft-grade housing.
- Silicon-sealed seams.
- Variable speed control.
- Light indicates when the filter needs replacing to maintain optimum performance.
- HEPA filtration cleaning to 99.99% at 0.3 microns.

1100



Specifications:

Width	79cm
Height	70cm
Length	89.5cm
Weight	55kg
Airflow	50-1000CFM
Power Consumption	110v
Filter Class	H13

2100



Specifications:

Width	70cm
Height	85cm
Length	170cm
Weight	60kg
Airflow	100-1700CFM
Power Consumption	110v 0.375kW
Filter Class	H13
Noise Levels	50 dB(A)

Ventilation & Extraction

Maintaining healthy levels of oxygen and removing hazardous contaminants from the atmosphere is essential to preventing serious health problems or even death.

These threats are often hard to detect and protect against, but by employing effective controls you can reduce the risk and mitigate the presence of harmful substances.

With our range of ventilation and extraction solutions, including fans and ducting, we can help you ensure the safety and comfort of your workers. We'll also work with you to design an effective solution tailored to your environment.

Ventilation & Extraction Products

Centrifugal Fans

With high airflow capacity, static pressure capabilities, and the ability to handle particulate-laden or corrosive gases, our range of centrifugal fans are ideal for use in a wide range of applications, including industrial and manufacturing processes.

Models range from 5,000m³/hr airflow units in a compact and portable design, to large and robust units with 35,000m³/hr airflow. Ducting can also be provided on request.

5,000 m³/hr



Specifications:

Width	68cm
Height	102.5cm
Length	105cm
Weight	75kg
Airflow	5,000m ³ /hr
Duct Diameter	30cm
Noise Levels	84dB(A)
Outlet Diameter	30cm
Supply Current	27amps
Voltage	110v
Can be used with up to 100m of flexible duct	

20,000 m³/hr



Specifications:

Width	117.5cm
Height	137cm
Length	130.5cm
Weight	350kg
Airflow	20,000m ³ /hr
Duct Diameter	60cm
Noise Levels	89dB(A)
Outlet Diameter	50cm
Supply Current	27amps
Voltage	415v
Suitable for long duct lengths	

35,000 m³/hr



Specifications:

Width	160cm
Height	179cm
Length	172cm
Weight	600kg
Airflow	35,000m ³ /hr
Duct Diameter	70cm
Noise Levels	85dB(A)
Outlet Diameter	70cm
Supply Current	27amps
Voltage	415v
Suitable for long duct lengths	

Ventilation & Extraction Products

Axial Fans

Our range of Axial fans are designed to move air or gas and can be used in applications where high flow is required but where there are low pressure requirements.

They have the capability to move large volumes of air with relatively low noise levels and a compact design.

3,500 M³/HR

Model	3,500 m ³ /hr	4,800 m ³ /hr	9,900 m ³ /hr	14,400 m ³ /hr
Width	32cm	48cm	48.5cm	56cm
Height	41cm	53cm	68cm	79cm
Length	36cm	45cm	68cm	76cm
Weight	14kg	25kg	43.7kg	63kg
Airflow	3,500m ³ /hr	4,800m ³ /hr	9,900m ³ /hr	14,400m ³ /hr
Duct diameter	300mm	40cm	50cm	60cm
Noise level	—	68dB(A)	74dB(A)	77dB(A)
Voltage	110v	110v	110v	110v
Power consumption	—	500W	1,300W	2,000W
IP rating	—	IP54	—	—
Suitable for long duct lengths	—	—	Yes	Yes



Ventilation & Extraction Products

Pocket Weld Fume Extractor

The Pocket Weld Fume Extractor is a portable extraction unit designed to extract and filter fumes from welding processes, micro dust, vapours and odours.

Specifications:

Motor power	1.1 Kw
Rated input voltage	110V
Flow rate pressure	110m/h
Noise levels	72dB(A)
Dimensions	580 x 300 x 370 mm
Weight	20kg



Weld Fume Extractor

The Weld Fume Extractor is a portable unit featuring a highly manoeuvrable 3 m suction arm and a powerful 1,400 m³/h airflow. With 99.5% filtration efficiency, digital controls and filter-status alerts, it helps maintain a cleaner, safer workshop environment.

Specifications:

Filter efficiency	99.5% E12 Classification
Motor power	1.1 Kw
Rated input voltage	110v
Flow rate pressure	1400m³/h (at hood)
Noise levels	69dB(A)
Dimensions	1010 x 520 x 920mm
Weight	85kg



PA9

The PA9 is a robust, mobile dust and fume extraction unit designed for flexible use across workshops and industrial environments. Available with two extraction arms and airflow rates of up to 3,000 m³/h, it combines powerful performance with self-cleaning filtration and a convenient 30-litre dust collection bin.

Specifications:

Model	PA9-3.0
No. of arms	2
Air volume	3,000m³/hr
Motor power	3.0kW
Filter	9m² PNF
Supply	415V 3ph
Length	1020mm
Width	760mm
Height	1810mm
Height c/w HEPA	2250mm
Weight	330kg
Noise level	76db(A)
Construction	Powder coatedM/S

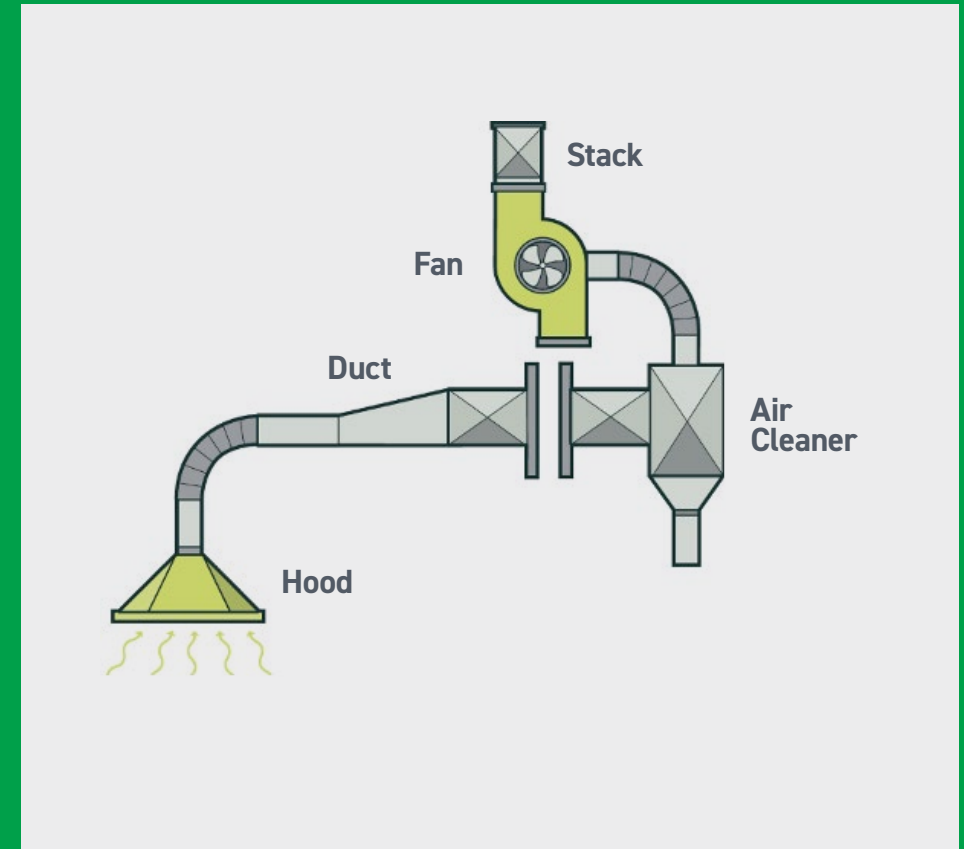


Local Exhaust Ventilation (LEV) Systems

Many jobs across a variety of industries create harmful dust and fumes that can negatively impact a worker's health. Local Exhaust Ventilation (LEV) systems, sometimes referred to as extraction or fume control, are a commonly used method of controlling these hazards.

Using a system of enclosed hoods, ducting, filters, and fans, dust and fumes are extracted and moved away from a worksite before being passed through a filter to remove the particles while a fan creates the airflow.

We will work with you to develop a bespoke LEV system suited to your environment, from single workstations to multi-work areas, our systems are designed to provide the safest possible environment.



Containment

Containment plays a vital role in controlling airborne hazards, safeguarding the health and well-being of individuals and the environment. By using containment equipment, you can create a controlled environment that effectively captures, filters, and isolates airborne contaminants.

Our industry-leading and award-winning range of containment solutions are ideal for mitigating the risk of exposure and potential health consequences in many environments, from healthcare settings to construction and industrial applications.



Containment Products

HEPACART®

Mobile Containment Cart

Quickly create a safe and contained space, making dust containment and infection control in high-risk environments easier to handle without compromising safety protocols.

Features & Benefits:

- Manual and automatic versions available.
- Embedded negative air machine and scrubber.
- Lab-tested filtration system with medical grade 99.99+% at .03 microns. MERV 18 plus. Double gasket.
- Heavy-duty, fully boxed aluminium base, with each wheel rated for 900lbs.
- Best-in-class enclosure constructed with durable, healthcare approved, anti-microbial, anti-static, fire-resistant and easy-to-clean material.
- Easily installed, moved, and dismantled in less than two minutes.

Specifications:

Width	74cm
Height	140cm
Length	173cm
Weight	417kg
Power	230v
Filter Class	H13
Airflow	750 CFM



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HEPACART® AnteRoom

The award-winning HEPACART® AnteRoom is a temporary room isolation module with external negative air machine adapters on either side, serving as an entryway or vestibule into any larger room undergoing works.

Features & Benefits:

- Mobile, extendable, and easy-to-install in less than five minutes.
- Provides total room isolation for any door size with reversible door hinges to alter swing direction.
- Negative air pressure is achieved with the connection of an NPU (HEPA 14), ensuring air filtration, dust collection, and infection control.
- Includes a heavy-duty and magnetic sealing aluminium module, floor levellers, three windows, flex hose adaptor, and shut off plates.
- Additional expansion units can be added to extend the depth in 1ft and 2ft increments.
- Fits a 122cm door natively and can be shortened to 92cm and extended to 153cm.

Specifications:

Width	122cm
Height	61cm
Length	218cm
Weight	75kg
Power	230v



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Containment Products

STARC® Wall System

The most durable modular wall system in its class, exceeding standards as a simple, easy-to-use, and environmentally friendly alternative to other temporary dust containment options.

With a unique telescopic design, the airtight walls can be configured into almost every shape.

Features & Benefits:

- Real wall option provides a 25 decibel sound reduction with an insulated urethane foam core.
- Install 100ft of wall in less than one hour.
- Walls are easily disinfected between uses.
- Panels are available in 12", 18" 24", and 48" telescopic from 2.08 metres to 3.12 metres.



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Cutting Tent Echo Barrier

A quick and easy way to reduce the spread of debris from cutting jobs. The innovative design offers superior noise reduction and absorption from all directions without compromising the process for cutting panels, timbers, tiles, tubes, or beams of any length.

Features & Benefits:

- Reduce noise pollution by up to 38.5dB.
- Ideal for a wide range of environments, indoors and outdoors.
- Unique roof for use inside buildings.
- Constructed with extremely durable, waterproof, and high-quality PVC with clear windows for safe inspection.
- Quick install with two people in 15 minutes.



Specifications:

Width	240cm	Max Noise Reduction	38.5dB
Height	210cm	Max Noise Absorption	89% (in all directions)
Length	325cm	UV Resistant	5 years
Weight	136kg	Fire Resistant	BS 7837-1996 (barriers) class B1 (windows/roof)

CALL US ON: 0330 055 3455

STARC® Lite Barrier

A lightweight option to the original STARC® wall system. With a slim aluminium frame and fibreglass reinforced polymer partitions, it is easy and quick to install and features the same telescopic design as the original, allowing it to be configured into almost every shape.

Features & Benefits:

- Install 100ft of wall in less than one hour.
- Each Lite Barrier panel weighs less than 18kg for easy installation and transportation.
- Walls are easily disinfected between uses.
- Panels are available in 12", 18" 24", and 48" telescopic from 2.08 metres to 3.12 metres.



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Inflatable Cutting Tent

A unique solution for the hire market providing a self-contained workspace that is both cost-effective and easy to re-locate between job sites.

Designed to minimise the spread of any respirable dust produced during cutting processes in construction applications.

Features & Benefits:

- Lightweight at just 35kg and packed in a carry bag.
- Inflates in less than 3 minutes using a manual hand pump.
- Recirculation of filtered, clean air through inlet ports on the tent.
- Easily extended by zipping additional tents together.
- Fire retardant.



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Specifications:

Width	390cm
Height	220cm
Length	300cm
Weight	34kg

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On-Tool Extraction Products (HV/LV)

On-tool extraction, a type of Local Exhaust Ventilation (LEV), is a vital process used across many industries to manage and capture airborne dust and particulate matter generated during work operations.

Effective on-tool extraction creates a safer working environment for individuals directly involved in the job as well as the wider workforce. Preventing the accumulation of dust around machines also has the added benefit of extending their lives.

Our fleet of on-tool extraction equipment includes high-volume, low-velocity vacuums, all delivered and installed to meet the unique needs of your working environment.



On-Tool & Extraction Products (HV/LV)

Starmix iPulse H-Class 110v Vacuum

The Starmix iPulse is the perfect H-class vacuum for on-tool extraction. It connects directly to the electric power tool during processes including drilling, milling, grinding, and sawing with concrete, plaster, stone, cement, wood, paints and varnishes, and hazardous H-class dust.

Features & Benefits:

- 300g force filter cleaning makes it suitable for use with plaster.
- Suitable for wet and dry suction with water level detection and an electronic shut-off sensor.
- Uninterrupted airflow during cleaning.
- Permanent pulse filter cleaning technology.
- Intelligent electronics measure negative pressure.
- 35 litre waste capacity.
- A powerful, durable, high-performance motor fan with separate air circuits for cooling and operating air.

Specifications:

Width	53cm
Height	40cm
Length	92cm
Weight	16.8kg
Power	110V
Noise Level	69dB(A)



V-Tuf Ruckvac Hsv Cordless H-Class Backpack Vacuum

Designed to provide hands-free cleaning in confined and hard-to-reach areas, the V-TUF RuckVac HSV combines cordless operation with H-Class filtration. The backpack design improves mobility, making it suitable for cleaning, maintenance and construction applications.

Features & Benefits:

- Lightweight backpack design.
- Cordless battery-powered operation.
- H-Class rated filtration.
- HEPA filtration system.
- Suitable for confined and restricted access areas.
- Improves operator mobility during cleaning tasks.

Specifications:

Width	26cm
Height	24cm
Length	62cm
Weight	7kg
Power	500V
Capacity	5L
Filter Class	H-Class
Filtration	HEPA
Power Source	Li Battery



On-Tool & Extraction Products (HV/LV)

Husqvarna De110h Battery Version Dust Extractor

Compact and easy to transport, the Husqvarna DE110H is suitable for dust extraction during grinding, drilling, cutting and surface preparation applications.

Its H-Class filtration system is designed to capture fine dust particles, while the compact footprint makes it ideal for use in confined working areas.

Features & Benefits:

- H-Class certified dust extraction.
- Compact and lightweight design.
- Longopac® bag system for simple dust disposal.
- Automatic filter cleaning system.
- Suitable for grinding, drilling and cutting applications.
- Easy to transport between work areas.

Specifications:

Width	39cm
Height	67cm
Length	99cm
Weight	25kg
Power	Battery
Noise Level	78dB(A)
Airflow	200m³/hr
Vacuum Pressure	20kPa
Filter Class	H-Class



Husqvarna De120h Pace Battery Dust Extractor

Powered by the Husqvarna PACE battery system, the DE120H provides cordless dust extraction for applications where mains power is unavailable or restricted.

Its compact design and H-Class filtration make it suitable for indoor and outdoor construction environments.

Features & Benefits:

- Cordless operation using PACE battery technology.
- H-Class certified dust extraction.
- Longopac® bag system for dust-free disposal.
- Compact and manoeuvrable design.
- Suitable for indoor and outdoor applications.
- Low maintenance operation.

Specifications:

Width	54cm
Height	54cm
Length	100cm
Weight	39kg (excluding batteries)
Power Source	Husqvarna PACE Battery System
Noise Level	76dB(A)
Airflow	320m³/hr
Vacuum Pressure	21kPa
Filter Class	H-Class



On-Tool & Extraction Products (HV/LV)

V-Tuf Grindex 1100lps H-Class Dust Extractor

The V-TUF GRINDEX 1100LPS is a compact industrial dust extractor designed for the safe collection of very fine dust.

Combining H-Class filtration with automatic filter cleaning, the unit maintains consistent suction performance in demanding construction and industrial environments.

Its compact design and pulse bag collection system support safe dust handling and disposal.

Features & Benefits:

- H-Class certified dust extraction.
- Automatic reverse airflow filter cleaning system.
- Pulse bag collection for safe dust disposal.
- Compact and easy to transport.
- Tool-start system for power tool extraction.
- Suitable for fine, dry and clogging dusts.

Specifications:

Width	44cm
Height	53cm
Length	112cm
Weight	26kg
Power	1100W
Airflow	200m³/hr
Vacuum Pressure	250mbar
Filter Class	H-Class
Inlet Diameter	50mm
Collection System	Longopac® 22m



V-Tuf Grindex 1200lps H-Class Dust Extractor

The V-TUF GRINDEX 1200LPS is a high-efficiency industrial dust extractor designed for the safe collection of very fine and hazardous dust.

Powered by a twin-motor system and equipped with automatic filter cleaning, it delivers consistent extraction performance for grinding, scarifying and surface preparation applications.

The Longopac® collection system allows continuous operation while supporting safe dust disposal.

Features & Benefits:

- H-Class certified dust extraction.
- Twin motor system for increased suction performance.
- Automatic filter cleaning system.
- Longopac® continuous bagging system.
- Suitable for grinders, scarifiers and surface preparation equipment.
- Robust design for demanding site environments.

Specifications:

Width	58cm
Height	86cm
Length	143cm
Weight	81kg
Power	2000W
Airflow	510m³/hr
Vacuum Pressure	230mbar
Filter Class	H-Class
Inlet Diameter	60mm
Collection System	Longopac® 22m



Dust Suppression

Dust can be produced when materials are cut, drilled, demolished, sanded, or constructed. Not all dust particles are the same and some are more harmful than others.

Dust suppression measures, such as misting, combined with effective monitoring and measurement and properly fitted respiratory protective equipment (RPE), can greatly reduce the risk.

We supply products from leading manufacturers suitable for environments including construction sites, manufacturing facilities, outdoor events, and many more.



Dust Suppression Products

JetMister JM35 Dust Suppression Cannon

The JM35 is designed to suppress dust using water, either from a direct tap feed or via an IBC with a fuel pump, and is suitable for use in most construction and demolition applications.

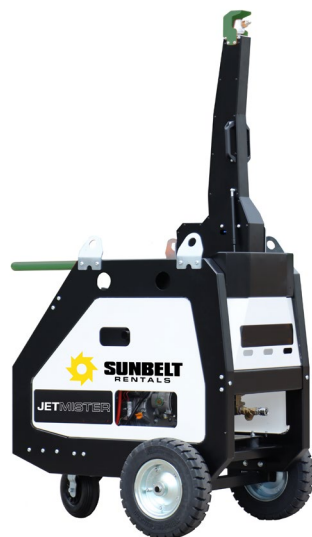
The 90o swinging jet nozzle provides a 15 – 35 metre throw to provide ample coverage, while a simple and innovative design means it can be deployed and setup in minutes.

Features & Benefits:

- Emergency stop and warning signals.
- A foldable mast allows easy transportation.
- Heavy-duty puncture-proof wheels.
- Heavy-duty mast with 0-30° tilt positioning for reaching high areas.
- High-pressure mist can be adjusted with engine speed and pressure regulator.
- Lifting eyes gets the JetMister into difficult areas.
- Move the jet automatically from left to right.
- Simple control operation to start/stop pump.
- Petrol or diesel option.

Specifications:

Width	87cm
Height	219cm
Length	122cm
Weight	215kg
Water Connection	1" Storz Connection quick release
Power Consumption	10kw Fuel Vanguard
Water Consumption	14-40 LPM
Noise Level	90dB(A)



CM10 Dust Cannon Mister

The ideal solution for controlling environmental dust and odour hazards. With an electric-powered fan and misting nozzles, it blows water droplets to suppress fine airborne dust particles.

The high-pressure water pump uses only 2 litres per minute, making it an ideal solution if you're looking to reduce water usage and on-site flooding. It can be used with either a water bowser or mains supply and can be positioned in hard to reach areas.

Suitable for use in small demolition operations, recycling sites, environmental remediation, steel/slag handling, wood processing, and event cooling.

Features & Benefits:

- 10 metre water throw.
- Fan duct protected with safety grill on outlet and inlet.
- Easy-to-clean misting nozzles.
- Handle for ease of fan tilt -20 to +48 degrees.
- Dual pump and fan mode switches with emergency stop, 6 metre lead and 32a commando plug.
- Large puncture-proof wheels help position the cannon over rough ground

Specifications:

Width	34cm
Height	38cm
Length	50cm
Weight	45kg
Water Connection	1" Storz Connection quick release
Power	110v 16A
Water Consumption	2 LPM
Noise Level	90dB(A)



Dust Supression Products

V-Tuf Dust Damper Dust Suppression Cannon

The V-TUF Dust Damper is a mobile dust suppression attachment designed to deliver a controlled water spray to help reduce airborne dust on construction and industrial sites. Its trolley-mounted design allows quick deployment across changing work areas.

Features & Benefits:

- Mobile trolley-mounted design.
- Quick and easy site deployment.
- Adjustable spray pattern.
- Suitable for construction and demolition activities.
- Supports dust control in confined areas.
- Compatible with pressure washer systems.

Specifications:

Type	Dust Suppression Cannon Attachment
Mounting	Mobile Trolley
Water Supply	Pressure Washer Fed
Application	Dust Suppression
Spray Pattern	Adjustable
Mobility	Wheeled Trolley



V-Tuf Deluge Dc Dust Cannon

The V-TUF Deluge DC is designed to suppress airborne dust using a high-powered water mist.

Mounted on a highway towable trailer with an integrated 1125L water tank and pressure washer system, it is suitable for construction, demolition and remote site applications.

The adjustable dust cannon provides targeted dust suppression, while the self-contained design allows operation where mains water is unavailable.

Features & Benefits:

- Highway towable trailer design.
- Integrated dust cannon and pressure washer system.
- Mounted water tank for remote site operation.
- 360° adjustable locking cannon base.
- Adjustable pitch angle up to 60°.
- High-powered water mist for airborne dust suppression.
- Forklift pickup points for easy transportation.
- Internal tank baffle reduces water surge during towing.

Specifications:

Width	155cm
Height	260cm
Length	346cm
Weight	460kg
Water Connection	1125L Water Tank
Power Consumption	10HP Diesel Engine
Water Consumption	15 LPM
Effective Injection Distance	15-30m
Noise Levels	N/A
Pressure	200 Bar (2900 PSI)



Dust Supression Products

Air Spectrum Rotary Atomiser Pro

The Rotary Atomiser Pro provides dust suppression using atomised water droplets to control airborne dust in construction, demolition and material handling environments.

Producing a fine mist with a throw distance of over 20 metres, it is suitable for both indoor and outdoor applications.

Features & Benefits:

- Produces a fine atomised mist.
- Suitable for indoor and outdoor use.
- Mobile self-contained design.
- Simple on/off operation.
- Effective dust suppression with low water usage.
- Suitable for demolition and construction projects.



Specifications:

Width	220cm
Height	250cm
Length	360cm
Weight	1250kg
Water Consumption	3-6 LPM
Power Consumption	10HP Diesel Engine
Throw Range	20m+
Water Pressure	2 Bar
Water Tank Capacity	1125L
Power Source	Diesel
Emergency Stop	Yes

Generac Powerjet Dust Suppressor

The Generac PowerJet is a compact mobile dust suppression unit designed for construction, demolition and industrial applications.

Featuring an integrated diesel engine and high-pressure pump, the unit delivers a fine water mist with a throw range of up to 30 metres to help control airborne dust across large working areas.

Features & Benefits:

- Integrated diesel engine and high-pressure pump.
- Up to 30m mist throw range.
- Adjustable spray arm for targeted coverage.
- Forklift pockets and central lifting eye.
- Manual rotation and tilt adjustment.
- Compact design for easy site transport.



Specifications:

Width	99cm
Height	156cm
Length	161cm
Weight	210kg
Water Connection	UNI 45 / STORZ / CAMLOCK
Power Consumption	Diesel Engine
Water Consumption	44-50 LPM
Throw Range	30m
Noise Levels	87dB(A)

Looking for a larger dust suppression solution?

Through our trusted partners we can provide bespoke solutions to fit every environment.

Tell us about your site, your works, and the hazards you need to control and we'll recommend, design and deliver an end-to-end solution to keep everyone safe.

Air Purification

The air we breathe indoors can be contaminated with a range of harmful pollutants, including dust, viruses, and bacteria.

These pollutants can have adverse effects on respiratory health and contribute to the development of chronic health conditions.

Using air purification and disinfectant devices, you can capture and remove contaminants, enhancing the overall health and well-being of individuals and creating more comfortable and productive work and living environments. This is even more important in sensitive or critical spaces, such as hospitals.



S400 Air Disinfectant Device

Disinfect the air and create a safe and comfortable environment for everyone. Unlike other air purifiers, the S400 combines HEPA filtration, UV-C technology, and carbon filtration with fast-moving air to kill 99.9995% of all airborne viruses and germs in your environment within minutes.

Features & Benefits:

- The fan performs complete air change disinfection within 30 minutes (800 cubic feet area).
- The SAM HEPA® pre-filter cartridge captures particulates down to 0.3 microns.
- Patented carbon substrate for complete odour and VOC removal.
- On-board digital screen reporting: HEPA filter/air flow integrity, UV-C light integrity/intensity, carbon final filtration integrity, processed CFM air volume.
- Suitable for use in multiple environments, including medical, retail, education and commercial spaces.

Specifications:

Width	56cm
Height	94cm
Weight	28.12kg
Airflow	400CFM
Noise Level	62 – 64dB(A)



Face Fit Testing

Where respiratory protective equipment (RPE) is used as a control measure under health and safety legislation, it is vital that the selected RPE is both adequate and suitable.

To ensure that the selected RPE has the potential to provide adequate protection for individual wearers, the Approved Codes of Practice (ACOPs) supporting the Control of Substances Hazardous to Health Regulations (COSHH), the Control of Lead at Work Regulations, the Control of Asbestos Regulations, the Confined Spaces Regulations, and the Ionising Radiations Regulations stipulate that tight-fitting RPE should be fit tested as part of the selection process.

We offer:

- FIT2FIT accredited quantitative and qualitative face fit testing
- Qualitative and quantitative train the tester courses
- RPE user's training
- RPE maintenance and servicing
- RPE supply
- Powered respirators
- Qualitative and quantitative test kits and solutions

Watch how we carried out over
**6,000 critical Face Fit Tests for the
NHS during the Covid-19 Pandemic**



Test & Monitoring

Being able to monitor the surrounding environment for any airborne hazards is one of the first steps to being able to control and reduce risk.

Industrial activities often generate airborne dust and particles that can have adverse health effects and contribute to pollution.

Our range of products available for hire includes complete environmental monitoring stations, hand-held dust detection devices, and the world-first, real-time respirable crystalline silica monitoring device.

We offer:

- State-of-the-art devices that provide real-time measurement of key air pollutants.
- Portable and easy-to-use monitors to provide accurate readings for parameters such as particulate matter (PM), volatile organic compounds (VOCs), carbon dioxide (CO₂), carbon monoxide (CO), ozone (O₃) and more.
- Quickly identify pollution sources, evaluate indoor air quality, and enable proactive decision-making for mitigating potential risks.



Test & Monitoring

Trox Air XS Respirable Crystalline Silica Monitor

The world-first real-time silica monitor that enables you to analyse multiple detection parameters for silica, including size, symmetry, and a series of optical markers unique to RCS particulates. High-speed data is processed in real-time and triggers a triple-voting system that positively identifies and distinguishes silica content.

Features & Benefits:

- Monitor in real-time 24 hours a day.
- Specialised software Breathe XS for reports and analysis.
- Data can be downloaded and exported in .CSV format.
- Custom audible alarms.

Applications:

- Can be used as a site boundary monitor to help monitor levels of RCS on the edges of your site.
- Can also be used as a tool to help evaluate where certain PPE needs to be worn in areas where RCS is present; this could be in a manufacturing or construction context.



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for more
information



Casella Guardian Environmental Monitoring Station

The industry-leading 'all-in-one' environmental monitoring station. The Guardian is the UK's leading product for remotely monitoring site perimeters. Once powered, the unit will continually monitor user-determined parameters and automatically upload to a cloud-based platform. The unit will generate a multiple-format report on a schedule assigned by the user.

Features & Benefits:

- Class 1 noise monitor.
- PM10, PM2.5, and PM1 dust particulate monitor.
- 3-axis vibration geophone.
- Ultrasonic wind speed and direction sensor.

Applications:

- Modules can be customised to meet the needs of your site.
- Monitor noise, wind, vibration, and dust.
- Ideal for sites in low-emission areas or clean-air zones in cities across the UK, it can help you remain compliant with local environmental standards and legislation.



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Test & Monitoring

Aqmesh Pod With Particulate Monitoring + 4 Gas Sensors + Solar Power

Designed to help you monitor air quality, urban pollution, harmful pollutants, PM 2.5, NO2, O3, VOCs with excellent live connectivity options and cloud data storage.

Features & Benefits:

- Can be configured to measure your chosen gas
- Solar power option available boosting your site's green credentials
- Customisable alerts when levels reach user-set thresholds
- Dedicated servers for cloud storage and instant data access

Applications:

- The AQMesh pod is easy to install, a small and portable unit that can be used across multiple site types
- Units can be used for long term monitoring of dust and particulate matter on construction sites, in public places such as city centres where pollution levels need to be monitored or across petrochemical, oil and gas, waste management and agriculture environments.



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Trolex XD1+ Personal Dust Monitor

A continuous and real-time personal particulate detection monitor with instant alarms and lightweight design for comfort and wearability. Designed to provide detailed, accurate, real-time data on airborne particulates so that users can take appropriate actions to stay safe and ensure personnel are fully protected from particulate-related health hazards.

Features & Benefits:

- Understand where, when, and how much exposure you've had to dangerous particulates.
- STEL and TWA for PM1, PM2.5, PM4.25, and PM10.
- No filters, pumps, tubes, or replaceable parts needed.
- Automatic self-test routine and maintenance cycle.
- XD1+ is compatible with BreathMOBILE app for live and historic data.

Applications:

- Customise short-term exposure limit (STEL) and time-weighted average (TWA) levels for PM1, PM2.5, PM4.25, and PM10.
- Monitor respirable particulate matter (PM) to indicate and warn of personal exposure in working and operating environments.

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Climate Control

The UK's largest fleet of modern heating, cooling, and dehumidification equipment to provide safe and comfortable environments for everyone, everywhere.

We understand the importance of having a comfortable and safe environment. We've got the expertise and product range to enable you to control your indoor climate and create the most productive and healthy environment.

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our planet

Our Primary Equipment Depots

We have a nationwide network of depots that can support you with all your equipment rental needs. You can contact our Air Quality Control team at these depots.

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0800 6300 472
airqualitycontrol@sunbeltrentals.co.uk

Chessington

Unit 6, Chessington Industrial Estate,
Lion Park Avenue, Chessington,
KT9 1ST

MANCHESTER

Jardine Way, Chadderton, Manchester,
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