

BVC

A Quirepace Company

INDUSTRIAL & COMMERCIAL VACUUM CLEANERS



BVC - at the forefront of vacuum technology

Six features that can make all the difference to choosing the right vacuum cleaner

1. The advantage of UK Design & Build

Our Gosport factory means we are never far away. What's more, we have the facilities and skills to tailor machines, where necessary, to meet individual applications. Most suppliers sell 'boxed' units - we can produce 'specials' with special filters, power packs build materials, coatings etc. Another benefit of UK manufacture is our large stock of consumables and components - on hand whenever they are needed.

2. The Advantage of Robust Construction

BVC machines are extremely robustly built and offer true industrial quality. This ensures a long trouble free life, greater cost effectiveness and shorter payback.

3. How building the world's first vacuum cleaner makes a difference

Most people don't realise that it was BVC's founder who made the first Vacuum Cleaner. With over 100 years of knowledge and experience we know how to make high quality machines.

4. The Importance of the right exhauster and filter

Most industrial vacuum cleaners need powerful exhausters that can move large volumes of air.

BVC machines incorporate a BVC 'multistage exhauster' - the most efficient method of generating the necessary levels of vacuum.

Should destructive debris ever enter the exhauster, the multistage unit is far more forgiving than other types of exhauster.

No matter what power the machine, if the filter becomes blocked the machine will eventually stop sucking. That's why BVC place such importance on using large easy clean filters made from high quality materials aided by cyclonic inlets.

5. The knowledge and equipment to offer the right solution

Our experienced engineers are happy to offer a free site survey. From this and your brief they are able to offer the best solution for your needs. What's more they can draw from some of the finest machines available, recommend a BVC fixed pipe system or possibly a combination of both. They are not stuck trying to sell something from a narrow product range.

6. Filtration options and tools that can meet the requirement of almost any job

BVC can supply machines with extensive filtration options which can include ATEX, HEPA, Type 'H', Activated Carbon etc. Add to this the extensive range of interceptors, tools and accessories and you can be sure you will get an Industrial Vacuum Cleaner that really meets your needs.



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Ideal machines for Wet or Dry pick up specially in Food & Pharmaceutical industries

The Stainless Range



The IV45. Shown with optional discharge valve



The ATEX Air Vac

IV45

The **IV45** range of twin motor vacuums with 45 litre capacity stainless steel canisters are a tough economical answer to general cleaning needs in a variety of light industrial applications.

- 230 volt and 110 volt versions (with switched motors)
- Highly manoeuvrable
- By-pass motors protected by thermal cut-outs for extra reliability
- A range of bag and filter options
- All models come complete with hose and tool kit

ATEX Air Vac

The **Air Vac** comprises wet or dry and a Type 'H' versions with 30 litre and 45 litre capacity containers. All models have stainless steel drums and are chassis mounted for easy manoeuvrability. They come complete with a 38mm tool kit and anti-static hose.

- No moving parts
- No electrical connections



CE II 2 G D c IIC 50°C (T6)

All our Air Vacs are ATEX approved



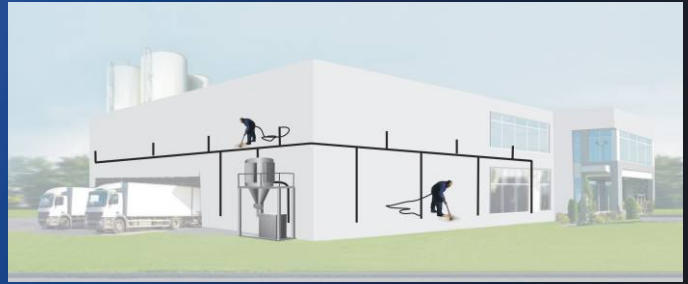
Special Option

The IV 45 and Air Vac are also available with H type filtration

STAINLESS				Vacuum max exhauster mmH ₂ O	Flow rate max exhauster litres/sec	Wet collection	Microfibre bag collection	Poly bag collection	Collection volume bin up to litres	Filter area cloth m ² **	HEPA filter option***	Noise level dB(A) @ 1m	Weight kg	Length mm	Height mm	Width mm	Cable length m	
IV45D	2x0.8kW	230V	1PH 50Hz	2500	82	No	Included	No	45	0.16	Yes	81	20.5	460	865	450	10	
IV45D	2x0.8kW	110V	1PH 50Hz	2500	82	No	Included	No	45	0.16	Yes	81	20.5	460	865	450	10	
IV45WorD	2x0.8kW	230V	1PH 50Hz	2500	82	Included	Included	No	45	0.16	Yes	81	20.5	460	865	450	10	
IV45WorD	2x0.8kW	110V	1PH 50Hz	2500	82	Included	Included	No	45	0.16	Yes	81	20.5	460	865	450	10	
IV45H	2x0.8kW	230V	1PH 50Hz	2500	82	No	Included	No	40	0.16	Included	81	27.5	460	1060	450	10	
IV45H	2x0.8kW	110V	1PH 50Hz	2500	82	No	Included	No	40	0.16	Included	81	27.5	460	1060	450	10	
Compressed air at 3-7 bar g																		Air Line
AV30WorD	Compressed Air			2790	32	Included	Included	No	30	0.16	No	81	14.5	500	640	460	5	
AV30H	Compressed Air			2790	32	No	Included	No	30	0.16	Included	81	20.8	500	840	460	5	
AV45WorD	Compressed Air			2790	32	Included	Included	No	45	0.16	No	81	15.4	500	695	460	5	
AV45H	Compressed Air			2790	32	No	Included	No	45	0.16	Included	81	21.7	500	895	460	5	

Provides filtration efficiency of 95% @ 5 micron *When fitted provides filtration efficiency of 99.997% @ 0.6 micron

Central Vacuum Cleaning Systems



A schematic showing a typical Central Vacuum Cleaning System

BVC Central Vacuum Cleaning Systems are used to maintain a clean environment in such diverse applications as factories, chemical plant, pharmaceutical laboratories and power stations. Each system is specifically designed for the particular application. Hose connection points are attached to pipework connecting back to a filter separator filter and exhauster unit. To clean an area, the operator simply plugs a hose into the nearest connection point, the vacuum conveys the dust and debris through the pipe system where it is separated from the airstream in the filter separator.



Typical exhauster plant

BVC

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CENTRAL VACUUM CLEANING SYSTEMS
INDUSTRIAL VACUUM CLEANERS
COMMERCIAL VACUUM CLEANERS
VACUUM CLEANING TOOLS
INTERCEPTORS
ATEX APPROVED CLEANING SYSTEMS
EQUIPMENT FOR SUMP EMPTYING & RECYCLING
EQUIPMENT FOR INDUSTRIAL DEBRIS REMOVAL

AIR KNIVES

EXHAUSTER/BLOWER UNITS

AIR PUMPS VACUUM PUMPS

Exhauster/Blowers Air & Vacuum Pumps



Multistage exhauster



Side Channel exhauster

An outstanding range of robust Multistage vacuum pumps designed and manufactured by BVC for continuous or intermittent operation in all types of applications. Ideally suited to moving large volumes of air particularly in aggressive environments or providing continuous warm, dry non-pulsating air. Models range from 112m³/Hr to 1300m³/Hr. Full range of accessories. Side Channel units for continuous safe operation. Compact and lightweight. Side Channel units are quiet in operation and can be mounted in any position to give 100% oil free non-pulsating air.