

# Dustcontrol -

## **Technology for Healthy Business**

Removing dust from the workplace is not just a working environment and health issue, it is also a business issue. The cleaner the working environment, the better the end result. We call it **Healthy Business**.

## What we offer

Dustcontrol manufactures mobile dust extractors for industrial and construction use, fixed extraction systems, peripheral equipment and accessories. We help companies all over the world to achieve a cleaner working environment. Our development department and production facilities are located in Sweden.

Using one of our solutions, you can extract dust, fumes, chips, oil spillages and other harmful substances, right at their source. The result is efficient production. A healthy working environment results in less absence due to illness, more efficient production, less downtime and better production quality.

You will find us in many different types of industries where a clean working environment is necessary. Dustcontrol supplies a complete range of products and accessories for small and large companies alike. For example, we supply advanced cleanroom solutions for the pharmaceutical and electronics industries, mobile dust extractors of various sizes for construction and rental companies, and central extraction systems for the automotive and newspaper printing industries.

All of our systems are unique and tailored to each individual company's specific requirements.



## **Customer Focus**

Dustcontrol was founded in 1972, with the idea of manufacturing extraction systems to capture dust and other pollutants at the source. We work closely with our customers, which means that we are always up to date regarding the requirements, regulations and working conditions in different types of workplace. We supply products that meet these ever-changing needs.

But it is not only products that we provide. We also provide the answers to questions such as: How can you capture and extract different kinds of particles and pollutants in the best possible way for your business? How do you deal with waste that can be recycled or reused?



The filter systems in all Dustcontrol dust extractors are built to comply with the the stringent IEC machine classification H.

All our mobile machines are equipped with a fine filter and a HEPA filter (H13) that clean the exhaust air to 99.95 %. These high-efficiency filters also have a long service life, which not only results in cleaner air, but also low filter costs.

With Dustcontrol as your business partner, you will get the answers to these and any other questions that you may have. Whatever the conditions, we develop a source extraction solution that is right for you and your business.

## Service & Expertise

Our sales organisation comprises experienced technicians with specialist skills in their areas of expertise. If you need a mobile solution, we will come to your site and show you how it works. In the case of stationary installations, we can design and dimension the entire system to fully match your needs. We can take care of installation, commissioning and documentation, as well as planning a maintenance and service schedule.

We offer a complete service package, including accessories and spare parts. We manufacture and customise portable dust extractors with very high levels of filtration, in which we use our proprietary filters that have set the industry standard.

As well as being responsible for delivery and installation, our project managers also train the personnel who will be working with our products and systems. In most countries, we have our own team of qualified installers with in-depth knowledge of our products.

With the help of Dustcontrol, you will achieve both a cleaner working environment and a healthy business.

## **Dustcontrol** AB

160 employees.

Founded in 1972.

Head office and factory in Norsborg, Sweden.

The company is family-owned.

Turnover approx. 30 million Euro.

Subsidiaries in the United Kingdom, Germany, Austria, USA and Finland.

Distributors in Europe, Asia-Pacific and North & South America.



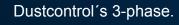


# **Our Symbols**



Dustcontrol's 1-phase, single-motor dust extractor.

Dustcontrol's 1-phase, twin-motor dust extractor.





The filter systems in all Dustcontrol dust extractors are built to comply with the the stringent IEC machine classification H.



The article is also available in antistatic (ESD) version.



The dust extractor includes an eco-green motor.



The dust extractor is a 1-phase power system.



The dust extractor is a 3-phase power system.



DGUV Test: Warning label The dust extractor has been DGUV tested and approved by IFA (Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung).



Warning label that the dust extractor can contain asbestos and you need to follow safety instruction.

# Inc.ex

	m // 700			
(10)	Machines for Every Job	6-7		
	Choose the Right Machine	8-9	<b>Dustcontrol Air Cleaners</b>	44-47
			DC AirCube 500	46
MIM	<b>Dustcontrol Mini</b>	10-15	DC AirCube 1200/2000	47
	DC 1800	12		
	DC 1800XL	12	<b>Decontamination Systems</b>	49-51
1	DC 2900c	13	DC Decontamination Box	50-51
	DC 2900a	13		
	DC 1800H Asbestos	14	Dustcontrol Pre-Separators	52-53
	DC 2800H Asbestos	15	DCF 2800 & DCF 3900	54
	control Part		DCF Storm & DCF 60	55
ATTI	Dustcontrol Midi	16-26	DCF Cyclone Separator Cover	55
	DC Tromb 400H Asbestos	17	DCF Wheelbarrow	56
	DC 3900a/c/L	18-19	DCF Tipping Container	56
	DC 3900L Twin	22	Almare &	
1	DC 3900c Twin	22	The Most Dangerous Dust	57
	DC 3900c Turbo	23	is the DustYou Can't See	
	DC 3900c Twin Turbo	23		
	DC Tromb Twin, DC Tromb 40	0	Classification of Dust	58-59
	and DCF Tromb	24-25	Extractors & HEPA Filters	
Real Property lies and the second	DC 3900 Wood Shaving	26		
	DC 4000 PCB	26	<b>Accessories and Hoses</b>	60-81
T. A.			Suction Casings	69-75
	<b>Dustcontrol Maxi</b>	27-37	Choose the Right Filter	76-77
	DC Storm 500/600/700	28-33	Filters	78-80
	DC 5900 9.2kW S/P	34-35	Bags	81
	DC 5900H Asbestos	35		
	DC Storm LPG	36-37	Our Worldwide Distributors	83
			<b>Environmental &amp; Quality Policy</b>	84
	Compare our Dust Extractors	38-39		
	Semi-Mobile Systems	40-47		
	Dustcontrol Wet-Vacs	42-43		

# 

Floor Finisher

No matter who you are and what type of work you are involved in, we have exactly the right machines for you and the job that you do. Small and agile or big and powerful? Only you know which Dustcontrol machine is the right one for you.

**Drilling Specialist** 

Decontamination and Abatement Specialist



## **Choose the Right Machine**

#### Task or tool

Drilling
Cleaning Ø38 mm/1.5"
Reciprocating saw
Jig saw
Abrasive disc Ø125 mm/5"
Fibre disc Ø125 mm/5"

Small crosscut and mitre saw, jackhammer Personal decontamination Depressed centre disc Ø125 mm/5" Wall sander Ø125 mm/5" Oscillating machine

## 1-phase, 1-motor dust extractor

#### DC 1800

The DC 1800 and DC 1800XL are high-quality, compact versions of our best-selling DC 2900. It combines ease of use with a large suction capacity and high level of filtration.

#### DC 2900

A small, lightweight dust extractor that can handle tough conditions. Equipped with a cyclone inlet, reverse pulse filter cleaning and separate HEPA filter.

#### Task or tool

Depressed centre disc Ø230mm/9" Grooving saw 2xØ150mm/6" Jackhammer Circular saw Concrete floor grinding max 500 mm/19"

Abrasive disc Ø230 mm/9" Concrete milling machine Chipping hammer Cleaning Ø50 mm/2" Filler sanding

## 1-phase, twin-motor dust extractor

**DC 3900**, powerful, can handle tough jobs and is easy to transport.

DC Tromb 400, compact, powerful, robust and efficient.

**DC 3900 Twin**, integrated pre-separator, the floor finishers' favourite, handles large quantities of dust.

#### Task or tool

Concrete floor grinding 850 mm/33,5" Abrasive disc Ø300 mm/12" Suction lance Ø76 mm/3" Concrete milling machine

Depressed centre disc Ø300 mm/12"

Material transport
Brick saw Ø400 mm/16"
Cleaning Ø50 mm/2"

Semi-mobile system

## 3-phase dust extractor

**DC Storm 500 (4kW), 600 (10hp) and 700 (7.5kW).** DC Storm is compact, simple to transport and powerful. All models feature a direct-driven, three-phase turbo pump suitable for continuous operation, heavy material transport, source extraction and cleaning. The models equipmed with frequency converters are suitable for use when only 16A access is available.

#### DC 5900 9.2kWP, 9.2kWS and 15 hp.

DC 5900 S model provides powerful suction for use with long hoses. The DC 5900 P model provides airflow for several users at the same time.

## Task or tool

Drilling Demolition Water damage

#### Wet-vac

#### DC 50W and DC 75W

Sucks up water and slurry in all situations, for example when making holes with a diamond saw. The slurry can be collected in a filter bag. The unit is equipped with a submersible pump for continuous evacuation of the water.

## Task or tool

Jackhammering, wall sanding, concrete grinding, demolition work, kitchen and bathroom renovation, and other construction work

#### Air cleaner

## DC AirCube 500, DC AirCube 1200 and DC AirCube 2000

Cleans the air in the workplace. Air cleaners are used as a complement to source extraction in very dusty environments.

Recommended air change is 10 times per hour minimum.

## When large quantities of dust are produced, we recommend a pre-separator















DCF 2800

DCF 60

DC 1800

DC 1800 XL

DC 2900c











DCF 3900

DC 3900c

DC Tromb 400L

DC 3900c Twin











DC Storm 600L

DC 5900c

DC 75W

**DC 50W** 

## Dust Classification H



The filter systems in all Dustcontrol dust extractors are built to comply with the the stringent IEC machine classification H.



DC AirCube 500







DC AirCube 2000





## DC 1800

## Light and easy to use

This machine is particularly suitable for general cleaning and source extraction from handheld power tools (with suction casings up to Ø125 mm /5") and small table saws.

The DC 1800 is equipped with a container. A plastic bag can be used with the bag holder inside the container to facilitate the emptying of dust and other material.

Part No DC 1800 50/60 Hz	Part	No	DC	1800	50/60	Hz
--------------------------	------	----	----	------	-------	----

101800 230V /50 Hz

101801 230V /50 Hz Auto start, EU»

101808 230V /50 Hz CH 101810 115V /50 Hz UK 101820 230V /50 Hz UK 101830 115V /60 Hz UL









cfm



## Supplied with (Part No)

Suction hose (Ø38 mm /1.5") 5 m/16 ft (2111) Suction hose antistatic (Ø38 mm /1.5") 5 m/16 ft (2012) UK/UL model

Connecting sleeve (2115)

Coupling socket (2108)

Floor nozzle B370 /W17" (7235)

Suction pipe (Ø38 mm /1.5") (7257)

Plastic bag (42291)

Bag support frame (42369)

Fine filter, cellulose (42029)

HEPA H13 filter (42027)



## **Technical data**

H x W x D (cm/inch)	74x38x38 /29"x15"x15"
Weight	14 kg /31 lbs
Container	20 I /5.3 US gal
Flow at open inlet	215/205 m <sup>3</sup> /h / 126/120
Negative pressure, max 115/230V	21/24 kPa /84/96 inwg
Power consumption 115/230V	1340/1285 W
Sound level	66 dB(A)

[CCO] [1-phase]



## Easy to use

The DC 1800 eco XL is a small extraction solution for working with large amounts of dust. The 55 I container gives this unit the capacity to work uninterrupted for longer periods of time.

As this unit is thought to be used for parquet grinding or paired with a floor grinder, it is supplied with an antistatic hose set and does not come with any accessories.

#### Part No DC 1800 XL

101880 230V /50 Hz EU

101881 230V /50 Hz Auto start\*, EU

101884 230V /50 Hz UK

101885 115V /60 Hz UL

101888 230V /50 Hz CH

101886 230V /50 Hz Auto start\*, UK

» DC 1800 Autostart. Plug the handheld power tool into the power socket on the unit. Set the selector switch to the AUTO position. The dust extractor will start automatically when the power tool is started.





## Supplied with (Part No)

Suction hose antistactic (Ø38 mm) 5 m (2012+2114)

Coupling socket 50/38 (2108) Fine filter, cellulose (42029) HEPA H13 filter (42027)



H x W x D (cm/inch)	116x38x38 /46"x15"x15"
Weight	19 kg /42 lbs
Container	55 I /14.3 US gal
Flow at open inlet	215/205 m <sup>3</sup> /h / 126/120 c
Negative pressure, max 115/230V	21/24 kPa / 84/96 inwg
Power consumption 115/230V	1340/1285 W
Sound level	68 dB(A)

## DC 2900c

## Best-seller

The DC 2900c is our most popular dust extractor. It is suitable for vacuum cleaning and source extraction from handheld power tools (with suction casings up to Ø125 mm /5") and small table saws. The DC 2900c has a sturdy steel chassis with large wheels, but is still light and portable.

Part No	DC 2900c, 50/60 Hz
120000	230V /50 Hz
120003	230V /50 Hz UK
120008	230V /50 Hz CH
120013	115V /50 Hz UK
120015	115V /60 Hz UL
120100	230V /50 Hz Auto start, EU»
120103	230V /50 Hz Auto start, UK»









## Supplied with (Part No)

Suction hose (Ø38 mm/1.5") 5 m/ 16 ft (2111)
Suction hose antistatic (Ø38 mm /1.5") 5 m/16 ft (2012) UK/US/CAN model
Connecting sleeve (2115)
Coupling socket (2108)
Floor nozzle B370 mm /W17" (7235)
Suction pipe Ø38 mm /1.5" (7257)
Plastic bag (42702)
Fine filter, cellulose (42029)
HEPA H13 filter (42027)



## **Technical data**

H x W x D (cm/inch)	111x44x55 /43"x17"x21"
Weight	16 kg /35 lbs
Collector	20 I /5.3 US gal
Flow at open inlet	215/205 m <sup>3</sup> /h /126/120 cfi
Negative pressure, max 115/230V	21/24 kPa /84/96 inwg
Power consumption 115/230V	1340/1285 W
Sound level	68 dB(A)

## DC 2900a

## Best-seller

Collection in a container makes the DC 2900a ideal to use for sharp material such as metal chips.

Part No	DC 2900a, 50/60 Hz
121000	230V /50 Hz
121003	230V /50 Hz UK
121008	230V /50 Hz CH
121013	115V /50 Hz UK
121015	115V /60 Hz UL
121100	230V /50 Hz Auto start»

» DC 2900 Autostart. Plug the handheld power tool into the power socket on the unit. Set the selector switch to the AUTO position. The dust extractor will start automatically when the power tool is started.







## Supplied with (Part No)

Suction hose (Ø38 mm/1.5"), 5 m /16 ft, antistatic (2012) Floor nozzle B370 mm /W17" (7235) Suction pipe Ø38 mm/1.5" (7257) Fine filter, polyester (42028) HEPA H13 filter (42027)



H x W x D (cm/inch)	111x44x55 /43"x17"x21"
Weight	19 kg /42 lbs
Container	40 I /10.56 US gal
Flow at open inlet	215/205 m <sup>3</sup> /h / 126/120 cfm
Negative pressure, max 115/230V	21/24 kPa /84/96 inwg
Power consumption 115/230V	1340/1285 W
Sound level	68 dB(A)

## DC 1800 H Asbestos

## Safe asbestos removal











The DC 1800 H Asbestos complies with the most stringent requirements and is IFA\* certified. Asbestos is a known cancer causing material that should be removed with caution.

The dust extractor is equipped with an antistatic hose, a plug for the cyclone inlet, plastic bags and other safety features.

Don't take risks with your health when removing asbestos!



## Supplied with (Part No)

Suction hose antistatic (Ø38 mm /1.5"), 5 m /16 ft (2012) Coupling socket (2108) Floor nozzle B370 mm /W17" (7235) Suction pipe Ø38 mm /1.5" (7257) 10 x plastic bags (42285) Bag support frame (42369) Fine filter, polyester (42028)





H x W x D (cm/inch)	74x38x38 /29"x15"x15	
Weight	14 kg/31 lbs	
Container	20 l/5.3 US gal	
Flow at open inlet	205 m <sup>3</sup> /h /126 cfm	
Negative pressure, max 115/230V	21/24 kPa /96 inwg	
Power consumption 115/230V	1340/1285 W	
Sound level	68 dB(A)	

DC 1800H Asbestos 50 Hz
EU 230V
CH 230V
UK 115V

<sup>\*</sup>Institute for occupational safety and health of the German Social Accident Insurance.



## DC 2800 H Asbestos

## Safe asbestos removal











The DC 2800 H Asbestos complies with the most stringent requirements and is IFA\* certified. Asbestos is a known cancer causing material that should be removed with caution.

The dust extractor is equipped with an antistatic hose, a plug for the cyclone inlet, plastic bags and other safety features.

Don't take risks with your health when removing asbestos!



## Supplied with (Part No)

Connecting sleeve (2114) Coupling socket (2108) Suction hose antistatic (Ø38 mm /1.5") 5 m /16 ft,(2012) Floor nozzle B370 mm /W17" (7235) Suction pipe (Ø38 mm /1.5") (7257)

5 x plastic bags (42285)

Filter pad & Air filter (432183)

Fine filter, polyester (42028)

HEPA H13 filter (42027)



## **Technical data**

H x W x D (cm/inch)	111x44x55 /43"x17"x21"
Weight	19 kg/42 lbs
Container	40 l/10.6 US gal
Flow at open inlet	205 m <sup>3</sup> /h /126 cfm
Negative pressure, max 115/230V	21/24 kPa /84/96 inwg
Power consumption 115/230V	1340/1285 W
Sound level	70 dB(A)

Part No DC 2800H Asbestos 50 Hz

121000-2 230V EU 121013-1 115V UK 121003-1 230V UK

\*Institute for occupational safety and health of the German Social Accident Insurance.





## DC Tromb 400 H Asbestos

### Safe asbestos removal









The DC Tromb 400 H Asbestos is our most powerful 1-phase dust extractor up to now. It is designed to cope with both the demands for a clean and healthy working environment and handheld power tools which are more effective than ever. The dust extractor also enables the user to work without unneccessary interruptions – it tackles up to 400 m<sup>3</sup>/h.

The DC Tromb is not just powerful, robust and effective but also versatile and all-round. It can handle all kinds of fine dusts and materials created on a construction site created from cutting concrete, sanding, grinding or drilling floors or walls as well as dust from many other industrial factory processes. The machine can be connected to floor grinders and handheld tools like cutting machines, chisel hammers and saws. Due to its compact design the DC Tromb is also easy to move and transport.

As a standard the machine is equipped with a patented self-cleaning filter (washable polyester) and a H13-filter built to be Application Class H. A signal lamp shows when it's time to clean the filter.\*

<sup>\*</sup> Switch operated reverse pulse filter cleaning.



## Supplied with (Part No)

Connecting sleeve (2129)
Coupling socket (2008)
Suction hose antistatic (Ø50 mm /2") 5 m/16 ft (2013)
Floor nozzle B500 mm /W19,7" (7238)
Suction pipe (Ø50 mm /2") (7265)
Fine filter, polyester (44017)
HEPA H13 filter (44016)



### **Technical data**

H x W x D (cm/inch)	139x56x70/55"x22"x27"
Weight	50 kg/110 lbs
Collection container	40 l/10.6 US gal
Flow at open inlet	393 m³/h /231 cfm
Negative pressure, max 230V EU	21/24 kPa /88 inwg
Power consumption 230V EU	3000W
Sound level	70 dB(A)

Part No	DC	Tromb	400	Н	Asbestos	50	Hz

165000 230V EU 165008 230V CH



<sup>\*</sup>Institute for occupational safety and health of the German Social Accident Insurance

## DC 3900

## **Environmentally friendly**







The DC 3900 has a robust, adjustable chassis that makes it easy to transport. The cyclone can be set to two different heights to facilitate the use of a container when necessary. This dust extractor is suitable for cleaning and handheld power tools with suction casings up to 9" such as wall sanders, jackhammers, and saws. Thanks to the tall cyclone, the filters and the powerful motor unit, it can handle large quantities of debris.

Part No DC 3900a 50/60Hz

132000 230V EU 132004 115V UK 132003 230V UK 132008 230V CH

132001 115V /60 Hz US/CAN

Part No DC 3900c 50/60Hz

131500 230V EU 131501 115V UK 131503 230V UK

131508 230V CH

131502 115 V /60 Hz US/CAN













#### Part No DC 3900L 50/60Hz

131530 230V EU 131534 115V UK 131533 230V UK 131538 230V CH

131532 115 V/60 Hz, US/CAN



## Supplied with (Part No)

Connecting sleeve (2129) Coupling socket (2107) Floor nozzle B500 mm /W19,7" (7238) Suction pipe (Ø50 mm /2") (7265) Fine filter, polyester (42025) HEPA H13 filter (42024)

Suction hose (Ø50 mm /2"), antistatic, 5 m/16 ft (2013) Container 40 I/10.5 US gal (40070)

#### c & L

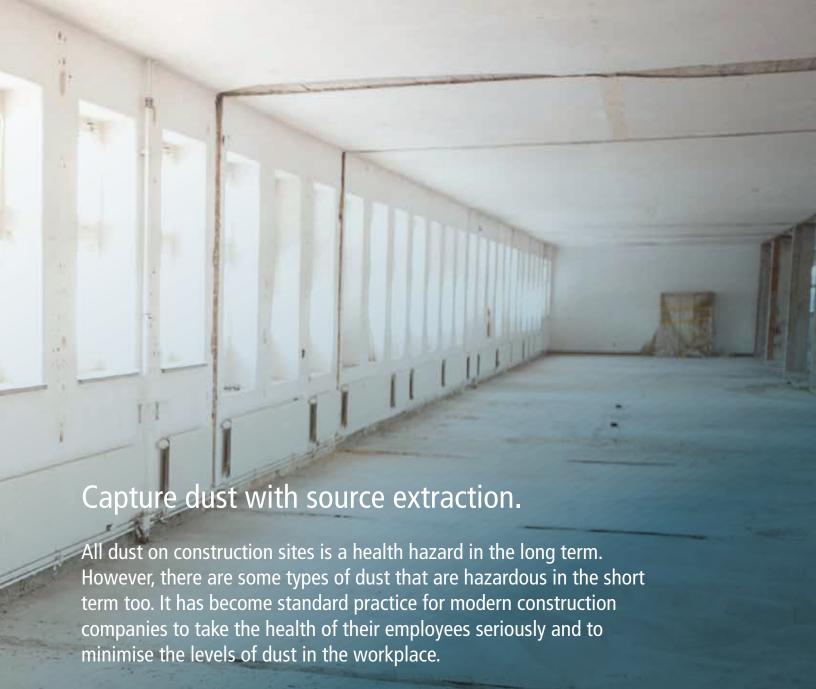
Suction hose (Ø50 mm /2"), 5m/16 ft (2401) Suction hose antistatic (Ø50 mm /2") 5 m/16 ft (2013) UK/US/CAN model c: 10 x plastic bags (43619) L: Longopac 22 m /72 ft (432177)



H x W x D (cm/inch)	145x60x70 /57"x23"x27"
Weight	38/35/37 kg /84/77/81 lbs
Collection	40/20 l/longopac / 10.56/5.3 US gal/longopac
Flow at open inlet 115/230V	320/360/350 m <sup>3</sup> /h /188 cfm
Negative pressure, max 115/230V	20/22 kPa / 80/84 inwg
Power consumption 115/230V	2100/2700/2600 W
Sound level	70 dB(A)







Source extraction means that the dust is captured before it spreads and before it can be breathed in. Dust levels can be significantly reduced by fitting all power tools with suction casings and connecting these to efficient dust extractors.

Cleaning should be carried out with a dust extractor with the classification H. The dust extractor should be equipped with a HEPA filter to prevent the spread of the finest dust particles. Sweeping simply stirs the hazardous dust up into the air, subjecting those in the area to further exposure. To put it simply, source extraction and cleaning using approved dust extractors are absolutely vital.

## DC 3900L Twin DC 3900c Twin

## Integrated pre-separators



The DC 3900L Twin eco is a portable and very powerful dust extractor for large quantities of dust. Thanks to its integrated pre-separator, the user can work for long periods without any disruption. It is particularly suitable for heavy concrete grinding, as 80-90% of the coarse material is separated in the pre-separator. The rest of the dust goes into the filter cyclone. It is powerful enough for most applications and is easy to transport. The air flow capacity is suitable for floor grinding machines with diamond discs up to 20" (approx. 500 mm) in diameter.



## Supplied with (Part No)

Connecting sleeve (2129) Coupling socket (2107)

Suction hose antistatic (Ø50 mm /2") 7.5 m/ 22 ft (2013)

Floor nozzle B500 mm /W 19.7" (7238)

Suction pipe (Ø50 mm /2") (7265)

Longopac 22 m /72 ft (432177) /

10 x plastic bags (43619)

Fine filter, polyester (42025)

HEPA H13 filter (42024)



## **Technical data**

H x W x D (cm/inch)	140x65x97 /55"x25"x38"
Weight	58/54 kg /128/119 lbs
Collection	L) Longopac c) 40 I /10.6 US gal
Flow at open inlet 115/230V	320/360/350 m³/h 188 cfm
Negative pressure, max 115/230V	21/25 kPa /84/100 inwg
Power consumption 115/230V	2100/2700/2600 W
Sound level	70 dB(A)





Part No DC 3900L Twin eco

132530 230V /50 HzEU 132534 115V /50 HzUK

132532 115V /60 Hz US/CAN

Part No DC 3900c Twin eco

132500 230V /50 Hz EU 132501 115V /50 Hz UK 132503 230V /50 Hz UK

132502 115V /60 Hz US/CAN

## DC 3900c Turbo

## The professionals' choice





The DC 3900c Turbo is a medium-sized dust extractor with a tall cyclone and a three-phase motor that enables it to handle large quantities of debris.

This dust extractor is suitable for long hoses (up to 20 m /65 ft), heavy cleaning (38 mm /1.5" accessories) and for source extraction from power tools such as grinders, hammers and saws. Suitable casings are those for sanding, grinding and diamond discs up to 9" (230 mm) as well as rubber bellows for chisel hammers, drills and jackhammers (part no 6078 & 6130).

133000 400V /50 Hz EU

133002 460V /60 Hz US/CAN

133007 575V /50 Hz CAN

Part No DC 3900a Turbo

133100 400V /50 Hz EU



## Supplied with (Part No)

Suction hose set, 7 m /23 ft, 5 m /16 ft (Ø50 mm /2") and 2 m /6.5 ft (Ø38 mm /1.5"), (2125)

Floor nozzle B450 mm (7236) Suction pipe (Ø50 mm /2") (7257) 10 x plastic bags (43619) Fine filter, polyester (42025) HEPA H13 filter (42024)

#### Technical data

H x W x D (cm/inch)	145x60x97 /57"x23"x38"
Weight	62 kg/137 lbs
Collector	20 l/5.3 US gal
Flow at open inlet	260 m³/h /153 cfm
Negative pressure	30 kPa/120 inwg
Power consumption	2200 W/4 hp
Sound level	75 dB(A)

## DC 3900c Twin Turbo

## Continuous operation

The DC 3900c Twin Turbo is a very powerful dust extractor that can handle large quantities of dust thanks to its integrated pre-separator. The 3-phase pump allows continuous operation and the possibility of using longer hoses (up to 20 m /65 ft) as the machine generates a high pressure. 80-90% of the coarse material is separated in the pre-separator and the rest of the dust goes into the filter cyclone where it is taken care of.

#### Part No DC 3900c Twin Turbo

133200 400V /50 Hz EU 133002 460V /60 Hz US/CAN 133207 575V /60 Hz CAN







## Supplied with (Part No)

Connecting sleeve (2129)
Coupling socket (2107)
Suction hose antistatic (Ø50 mm /2") 7.5 m/
22 ft (2013)
Floor nozzle B500 mm /W 19.7" (7238)
Suction pipe Ø50 mm /2" (7265)
10 x plastic bags (43619)
Fine filter, polyester (42025)



## **Technical data**

HEPA H13 filter (42024)

H x W x D (cm/inch)	140x65x97 /55"x25"x38"
Weight	81 kg/178 lbs
Collector	Plastic bag 40 l/10.6 US ga
Flow at open inlet	260 m <sup>3</sup> /h /153 cfm
Negative pressure	30 kPa /120 inwg
Power consumption	2200 W /4 hp
Sound level	75 dB(A)

## **Single-Phase Dust Extractors**

# DC Tromb



Dustcontrol has taken the DC Tromb to a new level. There are now three new versions within the Tromb family: DC Tromb 400 dust extractor, DCF Tromb pre-separator and a DC TrombTwin dust extractor and pre-separator in one.

As always, we are focusing to meet modern safety requirements along with an ergonomic and modular function. One of the major updates is that the new DC TrombTwin model is separable. The

dust extractor and pre-separator are easily detached and re-assembled from each other making transport simple.

Other important updates include a simpler filter change system and a motor package that is easier to remove. As well as that, improved motors and a sturdier chassis mean that the whole range has gone through a major expansion and upgrade.

## DC Tromb 400



#### **Technical data**

H x W x D [cm/inch]	136x60x78/54x24x31
Weight [kg/lbs]	A) 51/112 C) 46/101 L) 50/110
Inlet Ø [mm/inch]	76/3
Collection container [l/gal]	A) 40/10.6 C) 20/5.3 L) Longopac
Flow at open inlet 115/230V [m³/h/cfm]	330/ 393 & 231/ 194
Max flow 115/230V [m³/h/cfm]	360/ 420 & 247/ 212
Negative pressure, max 115/230V [kPa/inwg]	20/22/ 84/100
Power consumption 115/230V [W]	2100/2680/3000
Sound level [dB(A)]	70



### Supplied with (Part No)

Connecting sleeve (2129)
Coupling socket (2008)
Suction hose antistatic (Ø50 mm /2") 5 m/16 ft (2013)
Suction hose (Ø50 mm /2") 5 m /16 ft (2401) for model 171500 and 171508
Floor nozzle B500 mm /W 19.7" (7238)
Suction pipe (Ø50 mm /2") (7265)
Fine filter, polyester (44017)

#### **Discharge**

HEPA H13 filter (44016)

A) 40 I /10.6 US gal container (40070) C) 10 x plastic bags (43619) L) Longopac 25 m /82 ft (432177)

## DC Tromb Twin



#### **Technical data**

H x W x D [cm/inch]	136x60x128/54x24x31
Weight [kg/lbs]	CC) 71/156 CL) 75/165
Inlet Ø [mm/inch]	76/3
Collection container [l/gal]	C) 20/5.3 L) Longopac
Flow at open inlet 115/230V [m³/h/cfm]	330/ 365 & 215/ 194
Max flow 115/230V [m³/h/cfm]	360/ 420 & 247/ 212
Negative pressure, max 115/230V [kPa/inwg]	20/20 /84/100
Power consumption 115/230V [W]	2100/2680/3000
Sound level [dB(A)]	70

## DCF Tromb



H x W x D [cm/inch]	129x60x78/51x24x31
Weight [kg/lbs]	L) 32/70 C) 27/59
Inlet Ø [mm/inch]	76/3
Collection container [l/gal]	C) 20/5.3 L) Longopac
Sound level [dB(A)]	70





## Part no Description

171500	DC TROMB 400 C 230V 3000 W EU
171501	DC TROMB 400 C 115V UK
171502	DC TROMB 400 C 115V USA
171503	DC TROMB 400 C 2600 W 230 UK
171507	DC TROMB 400 C 115V CAN
171508	DC TROMB 400 C 230V 3000 W CH
171530	DC TROMB 400 L 230V 3000 W EU
171531	DC TROMB 400 L 115V UK
171532	DC TROMB 400 L 115V USA
171533	DC TROMB 400 L 230V 2600 W UK
171537	DC TROMB 400 L 115V CAN
171538	DC TROMB 400 L 230V 3000 W CH
172000	DC TROMB 400 A 230V 3000 W EU
172001	DC TROMB 400 A 115V UK
172002	DC TROMB 400 A 115V USA
172003	DC TROMB 400 A 230V 2600 W UK
172008	DC TROMB 400 A 230V 3000 W CH
172500	DC TROMB 400 CC TWIN 230V 3000 W EU
172530	DC TROMB 400 CL TWIN 230V 3000 W EU
172531	DC TROMB 400 CL TWIN 115V UK
172532	DC TROMB 400 CL TWIN 115V USA
172537	DC TROMB 400 CL TWIN 115V CAN
172538	DC TROMB 400 L TWIN 230V 3000 W CH
707000	DCF TROMB L
707001	DCF TROMB C

## DC 3800 Wood Shavings Extractor

## The professionals' choice







The DC 3800 Wood Shavings Extractor is designed especially to be connected to the Gjerde saw. It is suitable for source extraction on most saws and where high degree of separation is required. The DC 3800 Wood Shavings Extractor is a robust, mobile machine that is easy to move around.

As with all of Dustcontrol's mobile dust extractors, the DC Wood Shavings Extractor is very easy to service. The motor package comes from the DC 3900 and the cyclone comes from the DC 2900.

#### **Part No**

118400 DC 3800 Wood Shavings Extractor, 230V /50 Hz EU 2173 Hose set for Gjerde saw



## Supplied with (Part No)

Connecting sleeve (2129) Suction hose antistatic (Ø50 mm /2") 7.5 m/ 22 ft (2013)

Floor nozzle B500 mm /W 19.7" (7238) Suction pipe (Ø50 mm /2") (7265) Plastic bags (4714) Fine filter, polyester (42025) HEPA H13 filter (42024)

TILFATTIS IIILEI (4202)

## **Technical data**

H x W x D (cm/inch)	138x60x70 /54"x23"x27"
Weight	37 kg /81 lbs
Container	90 I /23 US gal
Flow at open inlet	320 m³/h /188 cfm
Negative pressure	24 kPa /96 inwg
Power consumption	2600 W
Sound level	70 dB(A)

## DC 4000 PCB

## Double filter cyclone

The DC 4000 PCB has been developed to comply with the requirements relating to PCB decontamination and is especially suitable for companies that deal with large volumes of light dust. The machine removes dust effectively and and significantly minimises the spread of PCBs, for example when removing sealants. The DC 4000 PCB is a powerful dust extractor that is easy to move around.

It has an air flow of approximately 400 m³/h/ 212 cfm and is equipped with double HEPA H13 and double fine filters. The DC 4000 PCB satisfies the Swedish Demolition and Remediation Contractors' recommendations regarding PCB remediation.

#### **Part No**

113800 DC 400 PCB, 230V /50 Hz EU



## Supplied with (Part No)

Connecting sleeve (2129)

Coupling socket (2107)

Suction hose antistatic (Ø50 mm /2") 5 m /16 ft (2013)

Suction hose (Ø76 mm /3") 5 m /16 ft (2001)

Floor nozzle B500 mm /W 19.7" (7238)

Suction pipe (Ø50 mm /2") (7265)

Plastic bags (413619)

2 x Fine filter, polyester (42025)

2 x HEPA H13 filter (42024)



#### **Technical data**

H x W x D (cm/inch)	145x65x70 /60"x25"x27"
Weight	57 kg /125 lbs
Collector	40 I /10.5 US gal
Flow at open inlet	400 m³/h /235 cfm
Negative pressure	24 kPa /96 inwg
Power consumption	2800 W
Sound level	70 dB(A)



1-phase



## A force to be reckoned with

## Speedy on-site working

Once on site, The DC Storm is just as simple to manoeuvre – even into previously hard-to-access locations. Quickly roll it to where it's needed, connect it to floor grinders, cutting tools, chisel hammers or saws, get the job done and move on.

## Fitted with HEPA H13 filter

Furthermore, The DC Storm is equipped with a fine filter which separates most of the dust. Then in order to capture close to 100% of the finest and most dangerous particles, DC Storm extractors are fitted with HEPA H13 filters.

The high-efficiency filters have a long service life, which not only results in cleaner air, but also low filter costs.

## H-Classified



The filter systems in all

Dustcontrol dust extractors are built
to comply with the the stringent IEC
machine classification H. This means
that all Dustcontrol extractors –

comply with regulations governing environments that generate hazardous dust, like silica and asbestos.



# New Compact DC Storm

# Simple to transport, easy to use dust extractor

- H-Classified. Approved for use with hazardous dust
- H-Classified. Approved for use with hat
  Equipped with HEPA H13 filter
  Upright transport in regular-sized vans
  Connects to floor grinders, cutting tool.
  Powerful high-capacity dust extraction
  Robust design for tough Upright transport in regular-sized vans and trailers
  - Connects to floor grinders, cutting tools, chisel hammers or saws

  - Robust design for tough conditions and long working life

# Compact lightweight design

Building on the same well-proven principles as Dustcontrol's powerful DC 5900 extractors, our new direct-drive, three-phase dust extractor now adds one more key worker benefit: A compact lightweight design for quick and easy upright transport in regular-sized vans and trailers. This helps work start on time and avoids costly delays.

Many different models are available. All feature a direct-driven, three-phase turbo pump suitable for continuous operation, heavy material transport, spot extraction and cleaning. The pump also provides sufficient airflow for simultaneous multiple use, e.g. as a central unit in a semi-mobile system. A sturdy steel chassis maximises durability.

Three basic models are available: bag (c), container (a) and Longopac (L), each powered by a 4 kW, 7.5 kW or a 10 hp motor.

# DC Storm





## Powerful, reliable and safe mobile dust extraction

The DC Storm is a powerful and reliable mobile dust extractor. They are built on a robust and sturdy steel chassis for maximum durability, for example on construction sites. With a direct-driven, three-phase turbopump, the DC Storm is suitable for continuous operation, conveying heavy material away, source extraction and cleaning.

The DC Storm provides sufficient air flow for several users at the same time and it can also be used as a semi-mobile central unit in a tubing system. It is suitable for source extraction for grinding discs up to approx. 800 mm/ 31" in diameter.

Three basic models are available: bag (c), container (a) and longopac (L), each powered by a 4 kW, 7.5 kW or a 10 hp motor.

DC Storm 700 is also equipped with a frequency converter, very useful when only 16A are available. This machine is equipped with a PTFE filter extracting large quantities of concrete dust and is suitable for example floor grinding.

Info of all our models – DC Storm 500, DC Storm 600 and DC Storm 700 is presented on the following pages.

#### Part No DC Storm 500c/a/L

119400 DC Storm 500c, 400V /50 Hz /4 kW 119402 DC Storm 500a, 400V /50 Hz /4 kW 119430 DC Storm 500L, 400V /50 Hz /4 kW

#### Part No DC Storm 500c/a/L PTFE

119404 DC Storm 500c PTFE, 400V D/690V Y/4 kW 119406 DC Storm 500a PTFE, 400V/ 50 Hz /4 kW 119432 DC Storm 500L PTFE, 400V / 50 Hz /4 kW



#### DC **Storm** 500c



## Supplied with (Part No)

Coupling socket (2107) Coupling socket (2008) Suction hose (Ø50 mm /2") 7.5 m /22 ft (2401) Floor nozzle B500 mm /W 19.7" (7238) Suction pipe (Ø50 mm /2") (7265) 10 x plastic bags (46145) Fine filter, polyester (44212) HEPA H13 filter (42869)



H x W x D (cm/inch)	179x78x116 /70"x31"x46" 178 kg /392 lbs		
Weight			
Collector	60 I /15 US gal		
Flow at open inlet	500 m <sup>3</sup> /h /294 cfm		
Negative pressure	25 kPa		
Power consumption	4 kW		
Sound level	75 dB(A)		



## DC **Storm** 500a



## Supplied with (Part No)

Coupling socket (2107) Coupling socket (2008)

Suction hose antistatic (Ø50 mm /2") 7.5 m/22 ft (2013)

Floor nozzle B500 mm /W 19.7" (7238)

Suction pipe (Ø50 mm /2") (7265)

Container 75 I /20 US gal (7368)

Fine filter, polyester (44212)

HEPA H13 filter (42869)



### **Technical data**

H x W x D (cm/inch) 179x78x116 /70"x31"x46	
Weight	180 kg /397 lbs
Container	75 I /19 US gal
Flow at open inlet	500 m³/h /294 cfm
Negative pressure	25 kPa
Power consumption	4 kW
Sound level	75 dB(A)

## DC Storm 500L



## Supplied with (Part No)

Coupling socket (2107)

Coupling socket (2008)

Suction hose antistatic (Ø50 mm /2") 5 m/16 ft (2013)

Floor nozzle B 500 mm /W 19.7" (7238)

Suction pipe (Ø50 mm /2") (7265)

Longopac 25 m /82 ft (44077)

Fine filter, polyester (44212)

HEPA H13 filter (42869)



H x W x D (cm/inch)	179x78x116 /70"x31"x46"
Weight	178 kg /392 lbs
Collector	25 m /82 ft /flexible
Flow at open inlet	500 m³/h /294 cfm
Negative pressure	25 kPa
Power consumption	4 kW
Sound level	75 dB(A)

# DC Storm 600







## DC Storm 600c

## Supplied with (Part No)

Coupling socket (2107)
Coupling socket (2008)
Suction hose antistatic (Ø50 mm /2") 7.5
m/22 ft (2013)
Floor nozzle B500 mm /W 19.7" (7238)
Suction pipe (Ø50 mm /2") (7265)
10 x plastic bags (46145)
Fine filter, polyester (44212)
HEPA H13 filter (42807)

## **Technical data**

H x W x D (cm/inch)	179x78x116 /70"x31"x46"
Weight	201 kg /442 lbs
Collector	60 I /16 US gal
Flow at open inlet	600 m³/h /353 cfm
Negative pressure	24 kPa /96 inwg
Power consumption	10 HP
Sound level	75 dB(A)

## DC Storm 600a

## Supplied with (Part No)

Coupling socket (2107)
Coupling socket (2008)
Suction hose antistatic (Ø50 mm /2") 7.5 m/
22 ft (2013)
Floor nozzle B500 mm /W 19.7" (7238)
Suction pipe (Ø50 mm /2") (7265)
Container 75 I /20 US gal (7368)
Fine filter, polyester (44212)
HEPA H13 filter (42807)

## **Technical data**

H x W x D (cm/inch)	179x78x116 /70"x31"x46"		
Weight	203 kg /447 lbs		
Container	75 I /20 US gal		
Flow at open inlet	600 m³/h /353 cfm		
Negative pressure	24 kPa /96 inwg		
Power consumption	10 HP		
Sound level	75 dB(A)		

## DC Storm 600L PTFE

#### Part No DC Storm 600c

119407 460V/ 60 Hz /10hp US 119436 220/380V 60 Hz /10hp US

119408 600V 60 Hz /10hp CAN

#### Part No DC Storm 600a

119409 460V /60 Hz /10hp US 119437 220/380V 60 Hz /10hp US 119410 600V/ 60 Hz /10hp CAN

#### Part No DC Storm 600L PTFE

119434 460V 60 Hz /10hp US 119435 220/380V 60 Hz /10hp US

## Supplied with (Part No)

Coupling socket (2107)
Coupling socket (2008)
Suction hose antistatic (Ø50 mm /2")
7.5 m/22 ft (2013)
Floor nozzle B500 mm /W 19.7" (7238)
Suction pipe (Ø50 mm /2") (7265)
Longopac 25 m /82 ft (44077)
Fine filter, PTFE (44081)
HEPA H13 filter (42807)

H x W x D (cm/inch)	179x78x116 /70"x31"x46"	
Weight	201 kg /442 lbs	
Collector	20 m /65 ft /flexible	
Flow at open inlet	600 m³/h /353 cfm	
Negative pressure	24 kPa /96 inwg	
Power consumption	10 HP	
Sound level	75 dB(A)	

# DC Storm 700





## DC Storm 700c



## Supplied with (Part No)

Coupling socket (2107) Coupling socket (2008) Suction hose (Ø50 mm /2") 7.5 m/ 22 ft Floor nozzle B500 mm /W 19.7" (7238) Suction pipe (Ø50 mm /2") (7265) 10 x plastic bags (46145) Fine filter, polyester (44212)

## **Technical data**

H x W x D (cm/inch)	179x78x116 /70"x31"x46"
Weight	210 kg /463 lbs
Collector	60 I /16 US gal
Flow at open inlet	700 m <sup>3</sup> /h /412 cfm
Negative pressure	22 kPa /88 inwg
Power consumption	7.5 kW
Sound level	75 dB(A)



## DC Storm 700a

HEPA H13 filter (42807)



## Supplied with (Part No)

Coupling socket (2107) Coupling socket (2008) Suction hose antistatic (Ø50 mm /2") 7.5 m/ 22 ft (2013) Floor nozzle B500 mm /W 19.7" Suction pipe (Ø50 mm /2") (7265) Container 75 I /20 US gal (7368) Fine filter, polyester (44212)

## **Technical data**

H x W x D (cm/inch)	179x78x116 /70"x31"x46"	
Weight	214 kg /472 lbs	
Container	75 I /20 US gal	
Flow at open inlet	700 m <sup>3</sup> /h /412 cfm	
Negative pressure	22 kPa /88 inwg	
Power consumption	7.5 kW	
Sound level	75 dB(A)	



## DC Storm 700L PTFE

HEPA H13 filter (42807)



## Supplied with (Part No)

Coupling socket (2107) Coupling socket (2008) Suction hose antistatic (Ø50 mm /2") 7.5 m/22 ft (2013) Floor nozzle B500 mm /W 19.7" (7238) Suction pipe (Ø50 mm /2") (7265) Longopac 25 m /82 ft (44077) Fine filter, PTFE (44081) HEPA H13 filter (42807)

## **Technical data**

H x W x D (cm/inch)	179x78x116 /70"x31"x46"		
Weight	212 kg /467 lbs		
Collector	Longopac/flexible		
Flow at open inlet	700 m³/h /412 cfm		
Negative pressure	22 kPa /88 inwg		
Power consumption	7.5 kW		
Sound level	75 dB(A)		

All DC Storm 700 is also equipped with a frequency converter, very useful when only 16A are available. This machine is equipped with a PTFE filter extracting large quantities of concrete dust and is suitable for example floor grinding.

#### Part No DC Storm 700c/a

119403 DC Storm 700c, 400V /50 Hz VFD 119418 DC Storm 700a, 400V /50 Hz VFD

Part No DC Storm 700L PTFE 119419 400V /50 Hz /7.5 kW VFD



## DC 5900 9.2kW S

## For heavy material waste

The machine is primarily intended to be used for pneumatic conveying or the removal of very heavy material in conjunction with a pre-separator. The extra-large suction capacity can also be utilised for regular source extraction and cleaning, in situations where extra long hoses up to 50 m are required. To prevent overheating during intensive use, the pump has been equipped with a cold air intake.

The reverse pulse filter cleaning system provides extra-long filter life and ensures no loss of suction.

Part No DC 5900 9.2 kW S/ 400V /50 Hz

119341 400V /50 Hz 75 I container 119340 400V /50 Hz 60 I bag







## Supplied with (Part No)

Fine filter, polyester (429204) HEPA H13 filter (42807)



H x W x D (cm/inch)	194x78x116 /76"x30"x45"
Weight	200 kg /440 lbs
Collector	Container 75 I /bag 60 I
Flow at open inlet	500 m³/h /294 cfm
Negative pressure	40 kPa /160 inwg
Power consumption	9.2 kW /15 hp
Sound level	75 dB(A)

## DC 5900 9.2kW P

## Maximum power





The DC 5900c 9.2 kW P generates an extremely large airflow and is therefore optimised for many extraction points. It is generally used in semi-mobile extraction systems where the machine is conveniently positioned in a central location and connected to a tubing system. Maximum efficiency is achieved and maintained with up to four simultaneous users.

Dart no	DC	5900	a	2kW/	400V/50 I	Hэ

119305	75 I container
119301	60 I bag
119333	Longopac
119336	460V /15hp 60Hz longopac US/CAN
119314	460V /15hp 60Hz 60 I bag US/CAN
119315	460V /15hp 60Hz 75 I container US/CAN
119316	600V /15hp 60Hz 60 I bag US/CAN
119317	600V /15hp 60Hz 75 I container US/CAN



## Supplied with (Part No)

Discharge:

- a) 75 I /20 US gal container (40070)
- c) 10 x plastic bags (46145)
- L) Longopac 25 m /82 ft (44077) Fine filter, polyester (4292) HEPA H13 filter (42807)



### **Technical data**

H x W x D (cm/inch)	194x78x116 /76"x30"x45"	
Weight	210 kg /463 lbs	
Collector	Container 75 l/ bag 60 l/ longopac	
Flow at open inlet	800 m <sup>3</sup> /h /471 cfm	
Negative pressure	28 kPa /112 inwg	
Power consumption	9.2 kW /15hp	



## DC 5900H Asbestos

## For hazardous enviroments

All DC 5900s are powerful and reliable mobile dust extractors. They are built on a robust and sturdy steel chassis for maximum durability. Now also for work in hazardous enviroments. The DC 5900 H Asbestos is certified by the IFA\* for asbestos removal. Don't take risks with your health when removing asbestos!





3-phase

Coupling socket (2107)
Coupling socket (2008)
Suction hose antistatic (Ø50 mm /2") 7.5 m /22 ft (2013)
Floor nozzle B 500mm /W 19.7" (7238)
Suction pipe (Ø50 mm /2") (7265)
Fine filter, polyester (4292)
HEPA H13 filter (42869)
Container 75 I /19 US gal (7368)



Fine filter, polyester, 9.2 kW S (4292) Fine filter, polyester, 9.2 kW P (429204) HEPA H13 filter (42807)



Part No	DC 5900H Asbestos 400V /50 Hz
119370	400V /50 Hz /4 kW
119350	400V /50 Hz /9.2 kW P
119360	400V /50 Hz /9 2 kW S

*The dust extractor has been DGUV tested and
approved by IFA (Institut für Arbeitsschutz der
Deutschen Gesetzlichen Unfallversicherung).

<b>Technical data</b> H x W x D (cm/inch)	<b>4 kW</b> 194x78x116 /76"x30"x45"	<b>9,2 kW P</b> 194x78x116 /76"x30"x45"	<b>9,2 kW S</b> 194x78x116 /76"x30"x45"
Weight	176 kg /388 lbs	210 kg /462 lbs	210 kg /462 lbs
Collector	Container 75 I	Container 75 I	Container 75 I
Flow at open inlet	470 m³/h /353 cfm	800 m <sup>3</sup> /h /471 cfm	500 m³/h /294 cfm
Negative pressure	28 kPa /112 inwg	28 kPa /112 inwg	40 kPa /160 inwg
Power consumption	4 kW	9.2 kW	9.2 kW
Sound level	75 dB(A)	75 dB(A)	75 dB(A)



# Powered by Propane

Clean burning propane and the reliability of Dustcontrol powered by a 21 hp engine. Designed for the user with class leading capacity and minimal maintenance requirements, the unit will operate approximately 8 hours on a full tank and the machine is equipped with an external self-discharging cyclonic air filter with visual filter monitor.



### Packed with Features

- · Effective reverse pulse cleaning on the main filter. Extends filter life.
- High efficiency, true cyclonic primary dust separation. Relieves filter loading, minimizes down-time and maximizes up-time.
- H13 HEPA filtration. Filters even the most dangerous respirable particulate and keeps your crew safe.
- Large pneumatic wheels, locking casters and an ergonomic handle. Easily moved and maneuvered.
- Integral chassis fork pockets for ease of loading and movement from place to place.
- Reliable belt drive and automatic mechanical clutch.
- · Low maintenance 21 hp motor with standard oil cooler and low oil pressure shut down.
- Three way catalytic muffler, O<sub>2</sub> sensor, auto shut-down and alarm indication.
- Key start and all operator controls in one place.
- Remote battery charger hook up point and LED battery monitor.
- 2 x 18 W LED Work Lamps for when you get into those out of the way places.
- 2 x USB outlets to keep your mobile devices charged.

Part no DC Storm LPG 119900 DC Storm LPGc 119901 DC Storm LPGL

## DC Storm LPG





### Supplied with (Part No)

C) Intellibag (46145)
L) Longopac 25 m /82 ft (44077)
HEPA H13 filter (42807)
Fine filter, PTFE (44081)





### **Technical data**

H x W x D (cm/inch)	180x790x160 /70" x 31" x 63"
Weight	375 kg /826 lbs
Tank volume	15.4 kg /33½ lbs
Collection container	25 m /82 ft /flexible
Flow at open inlet	820 m³/h /483 cfm
Negative pressure	30 kPa /120 inwg
Engine power (Vanguard)	21 hp
Final filtration	HEPA H13 filter
Sound level	79 dB(A)

Alternative material discharge systems are available; metal container or Dustcontrol Intellibag.

# **Compare our Dust Extractors**

To help you find the right machine, we have compiled the various technical data relating to our dust extractors. Our machines can be compared with each other and against our competitors.



Technical data mini	DC 1800	DC 1800XL	DC 2900c	DC 2900a	DC 1800H Asbestos	DC 2800H Asbestos
H x W x D (cm/inch)	74x38x38 /29"x15"x15"	116x38x38 /46"x15"x15	" 111x44x55 /43"x17"x21"	111x44x55 /43"x17"x21"	74x38x38 /29"x15"x15"	111x44x55/43"x17"x21"
Weight	14 kg /31 lbs	19 kg /42 lbs	16 kg /35 lbs	19 kg /42 lbs	14 kg /22 lbs	19 kg /42 lbs
Inlet	Ø38 mm /1.5"	Ø38 mm /1.5"	Ø38 mm /1.5"	Ø38 mm /1.5"	Ø38 mm /1.5"	Ø38 mm /1.5"
Collection container	20 I /5.3 US gal	55 I /14.3 US gal	20 I /5.3 US gal	40 I /10.6 US gal	20 I /5.3 US gal	40 I /10.6 US gal
Flow at open inlet	215/205 m³/h / 126/120 cfm	215/205 m³/h / 126/120 cfm	215/205 m³/h / 126/120 cfm	215/205 m³/h / 126/120 cfm	215/205 m³/h / 126/120 cfm	215/205 m <sup>3</sup> /h / 126/120 cfm
Negative pressure, max	21/24 kPa / 84/96 inwg	21/24 kPa / 84/96 inwg	21/24 kPa / 84/96 inwg	21/24 kPa / 84/96 inwg	21/24 kPa /96 inwg	21/24 kPa /84/96 inwg
Power consumption	1340/1285 W	1340/1285 W	1340/1285 W	1340/1285 W	1285 W	1285 W
Sound level	66 dB(A)	68 dB(A)	68 dB(A)	68 dB(A)	68 dB(A)	70 dB(A)
Filter area, fine/HEPA filte	r 1.5 m²/0.85 m² 16 ft²/9.1 ft²	1.5 m <sup>2</sup> /0.85 m <sup>2</sup> 16 ft <sup>2</sup> /9.1 ft <sup>2</sup>	1.5 m <sup>2</sup> / 0.85 m <sup>2</sup> 16 ft <sup>2</sup> /9.1 ft <sup>2</sup>	1.5 m²/0.85 m² 16 ft²/9.1 ft²	1.5 m²/0.85 m² 16 ft²/9.1 ft²	1.5 m²/0.85 m² 16 ft²/9.1 ft²



Technical data midi	DC 3900 a/c/L	DC 3900 Twin c/L	DC Tromb 400 Asbestos	DC 3800 Wood Shavings Extractor
H x W x D (cm/inch)	145x60x70 /57"x23"x27"	140x65x97 /55"x25"x38"	139x56x70 /55"x22"x27"	138x60x70 /54"x23"x27"
Weight	38/35/37 kg /84/77/81 lbs	54/58 kg /119/127 lbs	50 kg /110 lbs	37 kg /81 lbs
Inlet	Ø50 mm /2"	Ø50 mm /2"	Ø50 mm /2"	Ø50 mm /2"
Collection container	40 I /20 I /longopac 10.6 /5.3 US gal /longopac	40 I /10.6 US gal /longopac	40 I /10.6 US gal	90 I /24 US gal
Flow at open inlet	320/360/350 m <sup>3</sup> /h /188 cfm	320/360/350 m <sup>3</sup> /h /188 cfm	393 m³/h /231 cfm	320 m³/h /188 cfm
Negative pressure, max	21/25 kPa / 84/100 inwg	21/25 kPa / 84/100 inwg	21/24 kPa /88 inwg	24 kPa /96 inwg
Power consumption	2100/2700/2600 W	2600 W	3000 W	2600 W
Sound level	70 dB(A)	70 dB(A)	70 dB(A)	70 dB(A)
Filter area, fine/HEPA filter	1.8 m <sup>2</sup> /1.5 m <sup>2</sup> 19,4 ft <sup>2</sup> /16 ft <sup>2</sup>	1.8 m²/1.5 m² 19,4 ft²/16 ft²	1.8 m²/1.5 m² 19,4 ft²/16 ft²	1.8 m <sup>2</sup> /1.5 m <sup>2</sup> 19,4 ft <sup>2</sup> /16 ft <sup>2</sup>

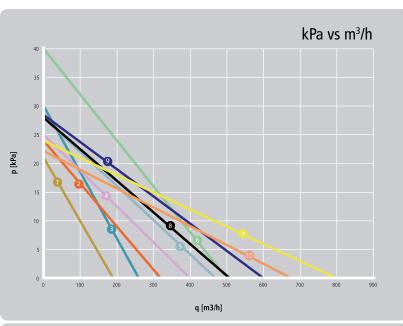


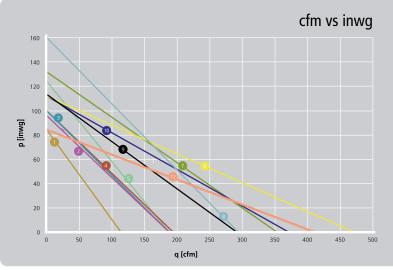
Technical data midi	DC 4000c PCB	DC 3900c Turbo	DC 3900c Twin Turbo	DC Tromb 400 a/c/L
HxWxD (cm/inch)	145x65x70 /60"x25"x27"	145x60x97 /57"x23"x38"	140x65x97 /55"x25"x38"	139x56x70 /54"x22"x27"
Weight	57 kg /126 lbs	62 kg /137 lbs	81 kg /178 lbs	a/ 50 kg c/ 46 kg L/ 48 kg a/ 110 lbs c/ 101 lbs L/ 106 lbs
Inlet	Ø50 mm /2"	Ø50 mm /2"	Ø50 mm /2"	Ø76 mm /3"
Collection container	40 I /10.6 US gal	20 I /5.3 US gal	40 I /10.6 US gal	20 I /40 I /5.3 /10.6 US gal /longopac
Flow at open inlet	400 m³/h /235 cfm	260 m³/h /153 cfm	260 m³/h /153 cfm	330/393 m³/h /194 cfm
Negative pressure, max	24 kPa /96 inwg	30 kPa /120 inwg	30 kPa /120 inwg	21/25 kPa / 84/88 inwg
Power consumption	2800 W	2200 W /4 hp	2200 W /4 hp	2100/2680/3000 W
Sound level	70 dB(A)	75 dB(A)	75 dB(A)	70 dB(A)
Filter area, fine/HEPA filter	3.6 m <sup>2</sup> /3.0 m <sup>2</sup> 39 ft <sup>2</sup> /32,3 ft <sup>2</sup>	1.8 m <sup>2</sup> /1.5 m <sup>2</sup> 19.4 ft <sup>2</sup> /16 ft <sup>2</sup>	1.8 m <sup>2</sup> /1.5 m <sup>2</sup> 19.4 ft <sup>2</sup> /16 ft <sup>2</sup>	2.5 m <sup>2</sup> /2.2 m <sup>2</sup> 20.4 ft <sup>2</sup> /23,6 ft <sup>2</sup>



Technical data maxi	DC STORM 500 a/c/L	DC STORM 600 a/c/L	DC STORM 700 a/c/L	DC 5900 9.2 kW S	DC 5900 9.2 kW P
H x W x D (cm/inch)	179x78x116 /70"x31"x46"	179x78x116 /70"x31"x46"	179x78x116 /70"x31"x46"	194x78x116 /76"x30"x45"	194x78x116 /76"x30"x45"
Weight	<b>a)</b> 180 kg /397 lbs <b>c, L)</b> 178 kg /392 lbs	<b>a)</b> 203 kg /447 lbs <b>c)</b> 201 kg /442 lbs <b>L)</b> 201 kg /442 lbs	<b>a)</b> 214 kg /472 lbs <b>c)</b> 210 kg /463 lbs <b>L)</b> 212 kg /467 lbs	200 kg /441 lbs	210 kg /463 lbs
Inlet	Ø76 mm /3"	Ø76 mm /3"	Ø76 mm /3"	Ø108 mm /4.2"	Ø108 mm /4.2"
Collection container	<b>a)</b> 751/20 US gal <b>c)</b> 601/16 US gal <b>L)</b> longopac 20 m /65 ft	<b>a)</b> 751/20 US gal <b>c)</b> 601/16 US gal <b>L)</b> longopac 20 m /65 ft	<b>a)</b> 751/20 US gal <b>c)</b> 601/16 US gal <b>L)</b> longopac 20 m /65 ft	<b>a)</b> 75 I /20 US gal <b>c)</b> 60 I /16 US gal	<b>a)</b> 75 I /20 US gal <b>c)</b> 60 I /16 US gal /longopac
Flow at open inlet	500 m³/h /294 cfm	600 m <sup>3</sup> /h /353 cfm	700 m <sup>3</sup> /h /412 cfm	500 m <sup>3</sup> /h /294 cfm	800 m <sup>3</sup> /h /471 cfm
Negative pressure, max	25 kPa /100 inwg	24 kPa /96 inwg	22 kPa /88 inwg	40 kPa /160 inwg	28 kPa /112 inwg
Power consumption	4 kW	10 hp	7.5 kW	9.2 kW /15hp	9.2 kW /15hp
Sound level	75 dB(A)	75 dB(A)	75 dB(A)	75 dB(A)	75 dB(A)
Filter area, fine/HEPA filter	5 m <sup>2</sup> /2.7 m <sup>2</sup> 54 ft <sup>2</sup> /29 ft <sup>2</sup>	5 m <sup>2</sup> /3.7 m <sup>2</sup> 54 ft <sup>2</sup> /29 ft <sup>2</sup>	5 m <sup>2</sup> /3.7 m <sup>2</sup> 54 ft <sup>2</sup> /39.8 ft <sup>2</sup>	5 m <sup>2</sup> /3.7 m <sup>2</sup> 54 ft <sup>2</sup> /39.8 ft <sup>2</sup>	8.4 m <sup>2</sup> /3.7 m <sup>2</sup> 54 ft <sup>2</sup> /39.8 ft <sup>2</sup>

## **Guide to the right machine**





# Pressure generation and airflow of our machines

### kPa vs m<sup>3</sup>/h

DC 2800H Asbest, DC 1800, DC 1800XL & DC 2900

DC 3900, DC 3900 Twin & DC 3800 Wood Shavings Extractor

DC 3900 Turbo & DC 3900 Twin Turbo

\_\_\_\_\_4 \_\_\_ DC Tromb 400

DC 5900H Asbestos 4kW & DC 5900 PTFE

DC 5900 9.2kW S

DC 5900 9.2kW P

BC Storm 500

9 DC Storm 600

DC Storm 700

### cfm vs inwg

DC 1800, DC 2900a, DC 2900c, DC 2800H Asbest

DC 3800 Wood Shavings Extractor

DC 3900a, DC 3900c, DC 3900L, DC 3900L

DC Tromb 400a, DC Tromb 400c, DC Tromb 400L

DC 3900c Turbo, DC 3900c Twin Turbo

OC 5900c 9.2 kW P

DC 5900H Asbestos 4 kW, DC 5900 PTFE

DC 5900c 9.2 kW S

9 DC Storm 500

\_\_\_\_\_\_ DC Storm 600

\_\_\_\_\_ DC Storm 700



One hose connection package is

used for each floor.

## Semi-Mobile Systems

Semi-mobile dust collection systems are a practical solution when work is to be carried out on several floors and by several users at the same time. Each floor is connected to a central extraction system via a hose connection package and is equipped with a connection point for connecting the suction hose to the machine being used.

A Ø76 mm /3" hose that forms the main line is taken up through, for example, a lift shaft, refuse disposal chute or stairwell, and run to the dust extractor, which can in turn be connected to a pre-separator to collect larger particles, if necessary.



### **Hose connection package** for semi-mobile systems

One package is used for each floor to facilitate installation.

The package does not include electrical cables or the startbox for vacuum producers (ordered separately).



### The branch pipe and hose connection package is supplied with

1 x Rubber plug with chain	(4016)
1 x Hose, 2.5 m, 76 l	(2024)
2 x Joint Ø76 mm/3" (remove rubber ring)	(3007)
2 x Tube Ø76 mm /3" * 135	(3341)
1 x Screw 6*40	(MC6S)

1 x Branch pipe 45°, Ø76 mm /3" (300311)

1 x Flap valve Ø50/76 mm /2"/3" (3006)







(Part No)



DC 5900, 9.2 kW P central unit with DCF Wheelbarrow pre-separator.



## **DC 50W**

### Powerful wet-vac

1-phase

When coring in concrete, large quantities of water are required, which becomes very dirty. Using a wet-vac to effectively extract the water prevents both the workplace from becoming wet and dirty, and the sewage system from silting up. The slurry solids are collected in a filter bag for easy handling and disposal.

Dustcontrol's wet-vacs are easy to disassemble for cleaning and decontamination. This is an important benefit on units that require frequent cleaning. Robust construction helps these units resist the knocks from everyday use.

#### Part No

118600 DC 50W. 230V /50 Hz EU





### Supplied with (Part No)

Coupling socket (2108)

Connecting sleeve (2114)

Suction hose antistatic (Ø38 mm /1.5") 5 m /16ft (2012)

Floor nozzle B370 mm /W14"(7236)

Suction pipe (Ø38 mm) (7258)

Filter bag (42190)



#### **Technical data**

H x W x D (cm/inch)	87x63x54 /34"x25"x21"
Weight	34 kg /75 lbs
Barrel size	50 I /13 US gal
Flow at open inlet	190 m³/h /111 cfm
Negative pressure 230V	21 kPa /84 inwg
Vacuum motor, single-phase 230V	1285 W
Pump, single-phase (W)	550
Sound level	75 dB(A)



### Integrated slurry collection





#### Part No

118700 DC 75W, 230V /50 Hz EU



### Supplied with (Part No)

Coupling socket (2108)

Connecting sleeve (2115)

Suction hose antistatic (Ø38 mm /1.5") 5 m /16ft, (2012)

Floor nozzle B370 mm /W14"(7236)

Suction pipe (Ø38 mm) (7258)

Filter bag (42190)



iccinnear data	
H x W x D (cm/inch)	98x63x55 /38"x25"x21"
Weight	37 kg /81 lbs
Barrel size	75 I /20 US gal
Flow at open inlet	190 m³/h /111 cfm
Negative pressure 230V	21 kPa /84 inwg
Vacuum motor, single-phase 230V	1285 W
Pump, single-phase (W)	550
Sound level	75 dB(A)





## **Air Cleaner**

## DC AirCube 500





The DC AirCube 500 has been developed for ease of use and durability. The fan unit is a radial blower, especially designed to build up high pressure across its entire flow range. This means that the unit generates a large amount of airflow during the entire lifetime of the filter. An exhaust hose can be used to create negative pressure in a sealed room. The fan has two speed settings, which means that the unit can be run economically, for example during the night.

Part No	DC AirCube 500
112500	230V /50 Hz EU
112501	230V /50 Hz UK
112503	115V /50 Hz UK
112508	230V /50 Hz CH
112505	115V /60 Hz US/CAN



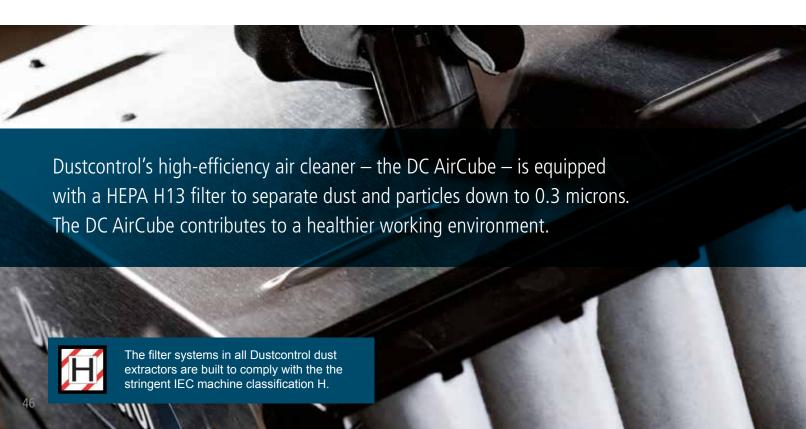
#### Accessories (Part No)

Hose Ø125 mm (2420) Funnel connection (42753) Hose clamp (4138) HEPA H13 filter (42692) Pre-filter G4 (42690)



H x W x D (cm/inch)	38x34x50 /15"x13"x20"
Weight	13 kg /28.6 lbs
Inlet/Outlet	38x34 cm /Ø125 1.5x1.3 inch /Ø5"
Power consumption, fan	195/210 W
Flow at open inlet	470/500 m³/h 276/320 cfm
Pre-filter area	0.18 m <sup>2</sup> /1.9 ft <sup>2</sup>
HEPA filter area	4.56 m <sup>2</sup> /49 ft <sup>2</sup>
Filter class	H13
Sound level	45-65 dB (A)





## **Air Cleaner**

## DC AirCube 1200







The DC AirCube 1200 is a highly efficient and robust air cleaner with the ability to clean the air even in large rooms, at a rate of up to 1.060 m<sup>3</sup>/h /647 cfm.

The encapsulated fan housing contains a radial blower type fan that builds up high pressure across its entire flow range, which provides effective air cleaning for the entire lifetime of the filter. The speed of the fan is also continuously variable in order to save energy.

The DC AirCube 1200 is equipped with both a HEPA H13 filter that captures the smallest particles and a light that indicates when it is time to replace the filter.



Part No	DC AirCube 1200
111000	230V /50 Hz EU
111001	230V /50 Hz UK
111002	115V /50 Hz UK
111008	230V /50 Hz CH
111003	115V/60 Hz US/CAN

#### Accessories (Part No)

Hose kit (42657) Bend 90° (42660) HEPA H13 filter (42940) Pre-filter G4 (42918)



### **Technical data**

H x W x D (cm/inch)	86x43x55/ 34"x17"x21"
Weight	23 kg /51 lbs
Inlet/Outlet	25/31.5 cm 0.98/1.24 inch
Power consumption, fan	375/385 W
Flow at open inlet, max	1060 m³/h /680 cfm
Pre-filter area	0.5 m <sup>2</sup> /4.3 ft <sup>2</sup>
HEPA filter area	5 m² /54 ft²
Filter class	H13
Sound level	60-68 dB (A)

1-phase

## DC AirCube 2000

With a capacity of approximately 1.800 m<sup>3</sup>/h /1.059 cfm the DC AirCube 2000 is Dustcontrol's most powerful air cleaner.

The DC AirCube 2000 has a robust, stainless-steel chassis and an encapsulated fan with variable speed setting. With its ergonomic design, it is easy to carry and transport. It can also be operated when positioned horizontally.

The DC AirCube 2000 has a HEPA H13 filter with an area totalling 10 m<sup>2</sup>/107 ft<sup>2</sup>. An integrated light indicates when it is time to replace the filter.

Part No	DC AirCube 2000
102000	230V /50 Hz EU
102002	230V /50 Hz UK
102003	115V /50 Hz UK
102008	230V /50 Hz CH
102004	115V /60 Hz US/CAN





#### Accessories (Part No)

Hose kit (42657) Bend 90° (42660) HEPA H13 filter (42896) Pre-filter G4 (42917)



Todalli da ta		
H x W x D (cm/inch)	102x56x70 /40"x22"x27"	
Weight	30 kg /66 lbs	
Inlet/Outlet	315/315 mm 12.4/12.4"	
Power consumption, fan	375/595 W	
Flow at open inlet, max	1850 m³/h /1187 cfm	
Pre-filter area	0.5 m <sup>2</sup> /5.4 ft <sup>2</sup>	
HEPA filter area	10 m <sup>2</sup> /107 ft <sup>2</sup>	
Filter class	H13	
Sound level	60-68 dB (A)	





## **Decontamination Box**



## DC Box

The DC Box is a specially designed dust extraction cabinet that protects against hazardous dust during decontamination and cleaning before servicing or repairing machines and tools. The DC Box is equipped with a compressed air nozzle and a suction hose for vacuum cleaning. Larger particles and debris fall down into a plastic bag attached to the bottom of the cabinet.

The DC Box is easy to work with. Tools and machines are placed onto the rotating worktable and slid in through the side door. These are then cleaned either by vacuuming or using compressed air. The fine dust is vacuumed up and transported away via a tubing system to a complete central unit located either in or outdoors. The size of the central unit and dimensioning of the tubing system is tailored to the needs of the customer. The system can be expanded so that it can also be used as a central extraction system with connections that are easily accessible across the entire worksite.

The DC Box is available in three versions: small, medium and large.

**The DC Box Small** uses the DC AirCube 500 air cleaner to evacuate dust laden air from inside and is ideal for use in smaller premises. A mobile vacuum unit can be externally connected to the integral hose cleaning point.

**The DC Box Medium** is the ideal solution for users with a greater throughput. Equipped with a pre-separator and DC 11-Module11kWp/15 hp central unit and typically designed in conjunction with a centralised workshop vac system for a complete solution.

**DC Box Large.** If you want to be able to wheel taller equipment directly into the cabinet for decontamination, then the DC Box Large is the solution for you. It can be customised to requirement.

#### **Customized after your requirements**



DC 11-Module



### The DC Box Medium Package is supplied with (Part No)

7470 DC Box42014 Trolley

7074 DCF Mobile Pre-Separator

DC 11-Module 11 kW P central unit tubing system

Contact your sales representative for correct dimensioning and a quotation for DC Box Packages.



### Technical data DC 11-Module 11 kW P/15hp

H x W x D (cm/inch)	180x100x130 /71"x40"x51"
Weight	260 kg /573 lbs
Inlet/Outlet	Ø180 mm /7"
Filter cleaning compressed air	4 l/s /3 804 gph
Flow	800 m <sup>3</sup> /h /28 250 ft <sup>3</sup> /h
Negative pressure, max	22 kPa /88 inwg
Filter area	8.4 m² /90.4ft²
Degree of separation	>99.9%
Sound level	60-63 dB(A)





### **Technical data AirCube 500**

H x W x D (cm/inch)	38x34x50 /15"x13"x20"
Weight	13 kg /28.7 lbs
Inlet/Outlet	38x34 cm /Ø125 1.5x1.3 inch /Ø5"
Power consumption, fan	195/210 W
Flow at open inlet	470/500 m³/h 276/353 cfm
Pre-filter area	0.18 m <sup>2</sup> /1.9 ft <sup>2</sup>
HEPA filter area	4.56 m <sup>2</sup> /49 ft <sup>2</sup>
Filter class	H13
Sound level	45-65 dB (A)











### **Technical data DC Box Medium and Small**

H x W x D (cm/inch)	180x120x80 /71"x48"x32"
Weight	160 kg /353 lbs
Inlet/Outlet	Ø76 mm /3"
Max flow	600 m <sup>3</sup> /h /353 cfm



## **Pre-Separators**

Pre-Separators can be used in all applications where the extracted material is coarse or voluminous. These can be placed in the actual workplace for separate handling or recovery of the extracted material, or centrally to releive filter loading.

Pre-Separators separate material from the air flow using the action of a cyclone or with inertial separation.

The Cyclone Principle is very effective in separating particles down to 1/100 mm.

Inertial separators are generally configured as containers with the inlet and outlet in the same wall of the container. When the air flow changes direction abruptly, separation occurs for the particles with higher relative mass.



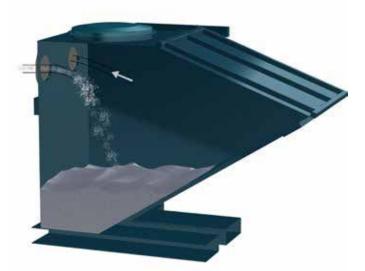
**Cyclone Principle** meaning that the inlet is mounted tangentially on the body and the air flow is thus forced against the inside of the cyclone.

## When a Pre-Separator is to be used the following should be considered:

- 1. Type of dust to be handled.
- 2. How the unit should be placed and how emptying will be performed.
- 3. Expected airflow.

#### Pre-Separators should be used:

- · for material recovery.
- for material transportation.
- to reduce the loading on the ducting system.
- to relieve loading on the central filter.
- to reduce the risk of filter clogging.
- when fluids are to be separated.



**Inertial Principle** meaning that the air stream flows into the container and abruptly changes course.

## **DCF 2800**

### Light and easy to use

The DCF 2800 pre-separator is often used in combination with the DC 2900 dust extractor to relieve the loading on the filter.

Part No

7372 DCF 2800





### Supplied with (Part No)

Plastic bags (42702)



### **Technical data**

H x W x D (cm/inch)	100x54x45 /39"x21"x18"
Weight	10 kg /22 lbs
Inlet/Outlet	Ø50 mm /2"
Cyclone diameter	Ø250 mm /10"
Collection	40 I /10 US gal

## **DCF 3900**

### High capacity, low weight

The DCF 3900 is a robust pre-separator that has been designed to deal with medium quantities of dust, especially when grinding. The chassis is adjustable to make it easier to transport. Thanks to its large inlet, it is also suitable for the collection of coarser types dust. The DCF 3900 separates 90% of the dust, thus relieving the load on the dust extractor. This means that the container/bag does not have to be emptied as often. The preseparator can be connected to our DC 1800 eco, DC 2900 eco and DC 3900 eco dust extractors.

#### Part No

703900 DCF 3900L 703901 DCF 3900c





### Supplied with (Part No)

The DCF 3900L is supplied with longopac 22 m /72 ft (432177)

The DCF 3900c is supplied with 10 x plastic bags (43619)



H x W x D (cm/inch)	154x60x78 /60"x23"x31
Weight	25 kg /55 lbs
Inlet/Outlet	Ø50 mm /2"
Airflow, max	320 m³/h 188 cfm

## **DCF 60**

### Wooden floor grinding

The DCF 60 pre-separator can handle large quantities of light dust. Due to its large inlet the pre-separator is also well suited to separate coarse dirt. Perfect for wooden floor grinding.

Part No 7069 DCF 60





### Technical data

H x W x D (cm/inch)	106x38x38 /42"x15"x15"
Weight	10 kg /22 lbs
Inlet	Ø50 mm /2"
Container	55 I /14 US gal



### For large quantities of dust

The DCF Storm is ideal for floor grinding and semi-mobile systems and could be set apart to handle large and heavy quantaties of dust. The pre-separator relieves the loading on the filter in the vacuum source and is equipped with a longopac solution for dust-free bag changing, so that the user can minimise unnecessary and time-consuming stoppages. Also available as a standard "c" model with an intellibag.

#### Part No

70701 DCF Storm L 70700 DCF Storm c



### Supplied with (Part No)

DCFStorm L, longopac 25 m /82 ft (44077) or DCFStorm c, plastic bags (46145)



#### **Technical data**

H x W x D (cm/inch)	185x70x108 /73"x27"x42"
Weight	46 kg /101 lbs
Inlet	Ø108 mm /4"
Airflow, max	700 m <sup>3</sup> /h /412 cfm



## **DCF Cyclone Separator Cover**

Practical when there is a lot of dust

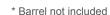
When large quantities of dust are produced, a DC 5900, for example, can be supplemented with a cyclone separator cover that is fitted directly onto a standard 200-litre /53 US gal barrel.

#### Part No

7367 Cyclone separator cover



Height (cm/inch)	58/23"
Weight	10 kg /22 lbs
Inlet/Outlet	Ø76 mm /3"
Cyclone diameter	Ø250 mm /10"
For barrel diameter*	Ø620 mm /24"



## **DCF Wheelbarrow**

### Easy handling

The DCF Wheelbarrow is a mobile pre-separator designed like a wheelbarrow for ease of use. A small cyclone with two inlets is fitted in the container. Two tools, cleaning implements etc. can be connected at the same time. The container also has a special hatch so that material can be shovelled in and out.



#### **Technical data**

H x W xD (cm/inch)	120x135x64 /47"x53"x25"
Weight	50 kg /110 lbs
Inlet x 2/Outlet x 1	Ø76 mm /3"
Cyclone diameter	Ø250 mm /10"
Filling volume	120 I /32 US gal

#### **Part No**

7130 DCF Wheelbarrow



## **DCF Tipping Container**

For large quantities of coarse material

Tipping containers can be used as inertial separators by equipping the container with a divider baffle and fitting hoses onto the inlet/outlet connections on the rear wall of the container.

Inertial separation is particularly suitable when large quantities of coarse material are involved.

Part No DCF Tipping Container

7196 0.6 m³/158 gal 7198 2.5 m³/660 gal



## Technical data DCF Tipping Container 0.6m<sup>3</sup>/158 gal

H x W x D (cm/inch)	118x108x159 /46"x42"x62"
Weight	240 kg /529 lbs
Total volume	0.6 m³ /158 US gal
Filling volume	0.3 m³ /79 US gal
Negative pressure, max	40 kPa /160 inwg

## Technical data DCF Tipping Container 2.5m³/660 gal

H x W x D (cm/inch)	147x128x218 /58"x50"x86"
Weight	570 kg /1257 lbs
Total volume	2.5 m³ /660 US gal
Filling volume	1.3 m³/343 US gal
Negative pressure, max	40 kPa /160 inwg



## The most hazardous dust is the dust you can't see.

The smaller a particle is, the deeper into the pulmonary system it penetrates. Respirable dust, the dust we inhale, is made up of particles smaller than 5 thousands of a millimetre (5  $\mu$ m). Because the particles are so small, they can penetrate into the deepest parts of the pulmonary system where the air moves too slowly to be able to breathe them out again.

The lungs' way of protecting themselves is to wrap the foreign particles in nodules of connective tissue, which, in time, leads to pneumoconiosis or COPD (Chronic Obstructive Pulmonary Disease). Some types of particles, such as silica and asbestos dust, cannot be broken down by the body and are also sharp, which is why they continue to cause damage long after they have become lodged in the lungs.

The best protection is to remove dust at the source and never allow it to reach the air. Dustcontrol has developed suction casings for most handheld and stationary machines, and also produces tailor-made suction casings.

## Classification of Dust Extractors and HEPA Filters

Dust extractors are used to improve the working environment, and to reduce levels of hazardous dust in the air to a minimum. This places great demands on the ability of the dust extractor to separate fine dust. We use a fine filter in our mobile dust extractors, which separates most of the dust. But in order to capture close to 100 % of the finest and most dangerous particles, we always complete the design with a HEPA H13 filter.

Here at Dustcontrol, we use conical pleated filters in all of our dust extraction units. A pleated filter has a very large area in relation to its physical size. The dust extractors can therefore be compact in relation to the large filter area they contain.

Only original Dustcontrol filters are tested and approved for use in our machines. The use of other types of filters could lead to the leaking of hazardous dust and/or machine breakdown. Dustcontrol's warranty only applies to machines equipped with original Dustcontrol spare parts. The filters are certified in accordance with current European requirements for dust extraction. This ensures that, with correct handling, optimum filtration will be achieved. Follow the instructions when handling filters, so that they can be replaced without exposure to hazardous dust.

To ensure that the filters comply with the requirements of relevant regulations for health and safety at work, a number of different testing standards are used. These are described below:

#### **Test methods**

The test methods used in current standards for dust extractors and filters are always based on particle counting. By injecting particles before the filter and by using a particle counter to determine the concentration before and after the filter, the penetration can be calculated (a penetration of 0.1% is equal to a degree of separation of 99.9%). The test is carried out in

several stages by individually examining the filter media, the complete filter cartridge and, in some cases, also the complete unit.

**HEPA filters** — **High Efficiency Particulate Air Filters** When classifying HEPA filters, Dustcontrol uses the strict HEPA standard (EN 1822-1). It is divided into different levels (E10 to H14) depending on filtration efficiency. Dustcontrol applies level H13, which can separate up to 99.95 % of the particles between 0.15 and 0.30 μm in size. This particle size is used because it is the hardest to separate – both larger and smaller particles are easier to capture in a filter.

#### **Dust extractors**

In IEC-60335-2-69 (EN-60335-2-69), the standard for testing wet and dry extractors, dust extractors are classified into three categories – **L for low, M for medium and H for high** – where the H category is the most stringent. (Please note: do not confuse this "H" with that in HEPA H13). The category required for a specific application is decided on the basis of the permitted maximum concentration for that type of dust (MAK) in the working environment or by local regilations.

## The test according to EN-60335-2-69 comprises two parts:

- **1. A test of the filter system** in our case, a fine filter and a HEPA H13 filter. To achieve category H, a degree of separation of 99.995 % is required, where 90% of the test particles must be smaller than 1.0  $\mu m$ . Our fine filters comply with category M, and our HEPA H13 filters with category H.
- **2. A test of the "assembled unit"** in our case, a complete dust extractor. Here, 99.995 % efficiency is also required, however 10 % of the particles must be smaller than 1.0  $\mu$ m, 22 % smaller than 2.0  $\mu$ m, and 75 % smaller than 5.0  $\mu$ m.



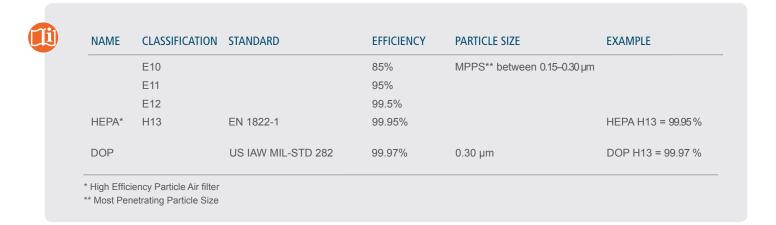
The filter systems in all Dustcontrol dust extractors are built to comply with the stringent IEC machine classification H.



### **Classification of our Dust Extractors**

NAME	CLASSIFICATION	STANDARD	EFFICIENCY	PARTICLE SIZE	EXAMPLE	MAK (Maximum World place Concentration)
	L= 💢		> 99%			> 1.0 mg/m <sup>3</sup>
	M= <b>M</b>		> 99.9%			> 0.1 mg/m <sup>3</sup>
IEC* standard	н= 🎛	IEC 60335-2-69	>99.995%	0.1 - 5.0 μm**	H=99.995%	< 0.1 mg/m³ and car cinogenic substance including asbestos
* IFC: Intern	ational Electrotechnic	cal Commission				
	% < 1.0 μm	Part 2: 10 % < 1.0	μm			
1 411 1. 00	γο - 1.0 μπ	22 % < 2.0 75 % < 5.0	μm			

### **Classification of our HEPA filters**





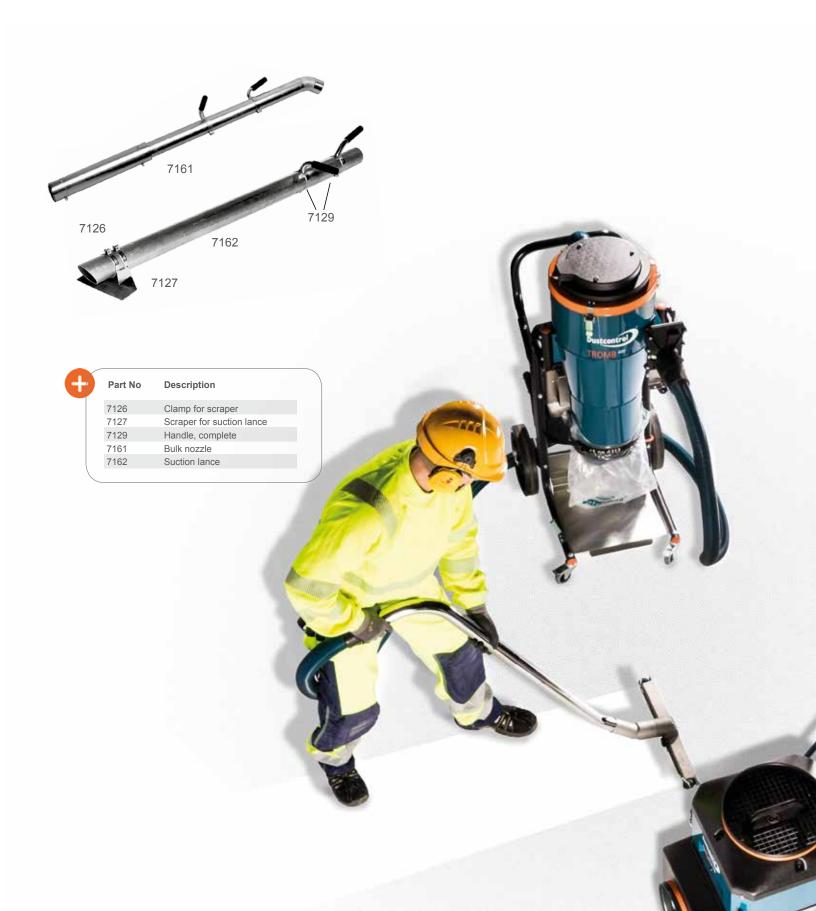


#### Cleaning accessories Ø 2"/50 mm (3) (23) (12) Part No Description 7266 Aluminium suction pipe 7267 Aluminium suction pipe, with wear strip 2 3 7265 Suction pipe 7268/69 Chrome steel extension pipe, 710 mm/28" Aluminium extension pipe, 710 mm/28" 5 7033 Chrome steel hand pipe Chrome steel hand pipe, curved 6 7271 7285 ERGO Grip handle 7272\* Tapered nozzle 7277\* Tapered nozzle Flat nozzle, L = 400 mm /15.7° 10 7212 11 7295 Bulk nozzle 7013 Rubber floor tool 12 Floor nozzle W 200 mm /7.8" 13 7281\* 14 7238\* Cast aluminium floor tool, 500 mm/19.6" Gulper floor tool, aluminium 15 7307 Chip nozzle 50x70x243 / 1.9"x2.7"x9.6" 7149 16 17 7030 Suction nozzle ERGO Grip for better handling. 7279\* Suction brush Fits on all Ø50 /2" suction (15) Suction nozzle with brush 7016\* 19 pipes and Ø50 /2" bulk nozzle. 20 7274 Rubber part for suction brush Brush for 7278, 7279 21 7263 22 726301 ESD brush for 7278, 7279 To order an antistatic (ESD) version, add the Brush for 7278, 7279, hard, white 23 7398 letter E to the end of the part no. \*\* The wire helix must be bared and left in contact

with conductive material for static discharge.

## Cleaning accessories Ø 3"/76 mm





## **About Suction Hoses**

Hoses need to have different characteristics depending on their intended use. Dustcontrol supplies hoses that are:

- · wear-resistant, lightweight and flexible
- · unaffected by extremes of temperature
- crushproof
- antistatic

When using long suction hoses that are coupled together, the hose closest to the suction casing should be the one with the smallest diameter and it should be no longer than 9,8 ft /3 m. Coupling should be carried out using external couplings that are easy to use.

#### **Our selection of Suction Hoses**

Product	Part No	Dimension Ø	Standard length ft /m	Colour	Material	Temp °F /°C max/min	Anti- static/ ESD	Abrasion resistance	UV and ozone resistance	Resistance to welding fumes	Resistance to solvent and oil
Suction hoses, standard	2001	3"/76 mm	32 /10	Blue	PE	140/-22/+60/-30	No	2	2	3	3
	2401	2"/50 mm	16,32,49 /5,10,15	Blue	PE	140/-22/+60/-30	No	2	2	3	3
	2111	1.5"/38 mm	16,32,49 /5,10,15	Blue	PE	140/-22/+60/-30	No	2	2	3	3
	2112	1.25"/32 mm	16,32,49 /5,10,15	Blue	PE	140/-22/+60/-30	No	2	2	3	3
	2113	1"/25 mm	16,32,49 /5,10,15	Blue	PE	140/-22/+60/-30	No	2	2	3	3
Suction hoses, heat-resistant	2004	2"/50 mm	16,32,49 /5,10,15	Grey	PP(EPDM)	194/–40/+90/–40	No	3	2	1	4
	2003	1.5"/38 mm	16,32,49 /5,10,15	Grey	PP(EPDM)	194/-40/+90/-40	No	3	2	1	4
Suction hoses, antistatic	2024*	3"/76 mm	32 /10	Black	PE	140/-4/+60/-20	Yes	2	2	3	3
	2013*	2"/50 mm	16,32,49 /5,10,15	Black	PE	140/-4/+60/-20	Yes	2	2	3	3
	2012*	1.5"/38 mm	16,32,49 /5,10,15	Black	PE	140/-4/+60/-20	Yes	2	2	3	3
	2005*	1.25"/32 mm	16,32,49 /5,10,15	Black	PE	140/-4/+60/-20	Yes	2	2	3	3
	2025*	1"/25 mm	16,32,49 /5,10,15	Black	PE	140/-4/+60/-20	Yes	2	2	3	3
	2027E*	1.5"/38 mm	16,32,49 /5,10,15	Black	PE	140/-4/+60/-20	Yes	2	2	3	3
	2028E*	2"/50 mm	16,32,49 /5,10,15	Black	PE	140/-4/+60/-20	Yes	2	2	3	3
Suction hoses, PU extra abrasion- resistant	2056	3"/76 mm	16 & 32 /5 & 10	Transparent	PU	194/-40/+90/-40	Yes**	1	1	3	1
	2054	2"/50 mm	16 & 32 /5 & 10		PU	194/-40/+90/-40	Yes**	1	1	3	1
	2055	1.5"/38 mm	16 & 32 /5 & 10		PU	194/-40/+90/-40	Yes**	1	1	3	1
Super D superelastic	2038	1.5"/38 mm	49 /15	Black/white	PVC	185/–23/+85/–5	No	2	2	2	4
	2039	2"/50 mm	49 /15	Black/white	PVC	185/-23/+85/-5	No	2	2	2	4



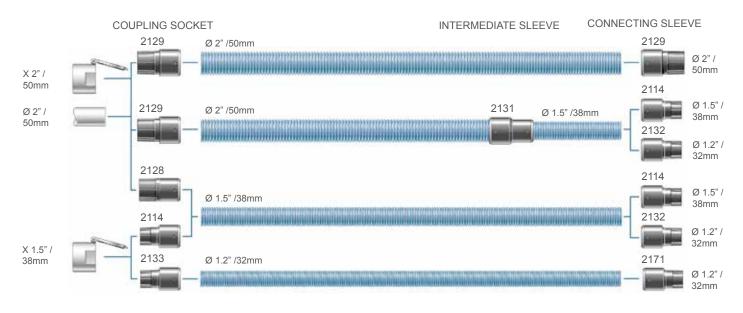
- \* To order an antistatic (ESD) version, add the letter E to the end of the part no.
- \*\* The wire helix must be bared and left in contact with conductive material for static discharge.

#### **Resistance Scale**

- 1 Excellent
- 2 Good
- 3 Limited
- 4 Poor

## **Suction Hoses**

## Turnable Hose Connectors



Part I	No	Descri	ption
--------	----	--------	-------

2114\* Connecting sleeve, turnable Ø 1.5"/1,5" /38/38
2128\* Coupling socket, turnable Ø 2"/1.5" /50/38
2129\* Coupling socket, turnable Ø 2"/2" /50/50

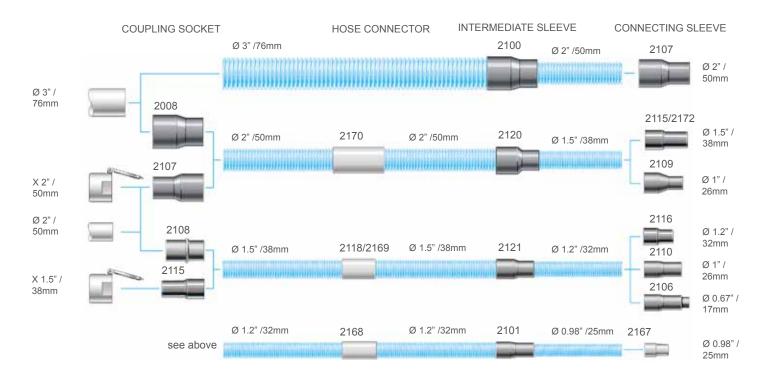
2131\* Intermediate sleeve, turnable Ø 2"/1.5" /50/38
2132\* Connecting sleeve, turnable Ø 1.2"/1.5" /32/38
2133\* Coupling socket, turnable Ø 1.5"/1.2" /38/32
2171\* Coupling socket, turnable Ø 1.2"/1.2 /32/32

\*To order an antistatic (ESD) version, add E to the end of part no.



## **Suction Hoses**

## Non-Turnable Hose Connectors



Part No	Description
2008*	Coupling socket Ø 3"/2" /76/50
2100*	Intermediate sleeve Ø 3"/2" /76/50
2101*	Intermediate sleeve Ø 1.2"/0.98" /32/25
2106*	Connecting sleeve Ø 0.67"/1.2" /17/32
2107*	Coupling socket Ø 2"/2" /50/50
2108*	Coupling socket Ø 2"/1.5" /50/38
2109*	Connecting sleeve Ø 1"/1.5" /26/38
2110*	Connecting sleeve Ø 1"/1.2" /26/32
2115*	Connecting sleeve Ø 1.5"/1.5" /38/38

Connecting sleeve Ø 1.2"/1.2 /32/32 2120\* Intermediate sleeve Ø 2"/1.5" /50/38 2121\* Intermediate sleeve Ø 1.5"/1.2" /38/32 2156\* Coupling Nipple 75/72.5. 2156 is used to connect the 76mm hose to flap valve, 76/76 part no 3237

2116

2167\* Connecting sleeve Ø 0.98"/0.98" /25/25 2168\* Hose connector Ø 1.2" /32 2169\* Hose connector Ø 1.5" /38 2170\* Hose connector Ø 2" /50



- To order an antistatic (ESD) version, add the letter E to the end of the part no.
- \*\* The wire helix must be bared and left in contact with conductive material for static discharge.



## **Suction Hoses**

### **Hose Sets**



2125 Hose set Ø 50/38 L = 7 m

Ø 2"/1.5" L = 23 ft

2126 Hose set Ø 50/38 L = 7 m

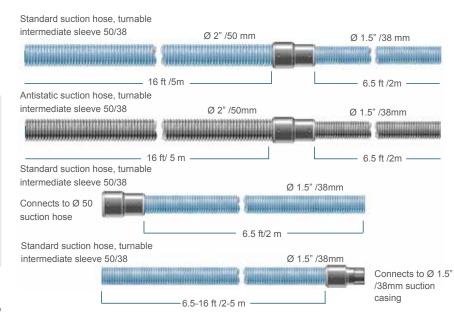
Ø 2"/1.5" L = 23 ft antistatic

2006 Hose set  $\emptyset$  38 L = 2 m

Ø 1.5" L = 6.5 ft

2015 Hose set Ø 38/1.5" L = 2 m/6,5ft 2105 Hose set Ø 38/1.5" L = 5 m/16ft\*\*

\* \* Standard suction hose, turnable, non removable connector. (Replacement to standard hose kit)



### Characteristics of Materials

Description	Dimension Ø inch/mm	Part No	Colour	Material	Temp °F max/min/ Temp °C max/min	Antistatic	Abrasion resistance	UV and zone resistance	Resistance to welding fume	Resistance to solvent and oil
Coupling socket	3"/2"/76/50	2008*	Black	EPDM	284/-76/140/-60	Yes	2	1	2	4
	2"/2"/50/50	2107*	Black	EPDM	284/-76/140/-60	Yes	2	1	2	4
	2"/1.5"/50/38	2108*	Black	EPDM	284/-76/140/-60	Yes	2	1	2	4
	3"/2"/76/50 (PU)**	2161*	Black	EPDM	284/-76/140/-60	Yes	2	1	2	4
Coupling socket	3"/2"/76/50	2162*	Blue	NBR	248/-76/120/-60	Yes	2	3	3	2
Coupling socket	2"/2"/50/50	2129*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
	2"/2"/50/50 (PU)**	2158*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
	2"/1.5"/50/38 (PU)**	2157*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
	2"/1.5"/50/38	2128*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
	1.5"/1.25"/38/32	2133*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
	1.25"/1.25"/32/32	2171*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
Connecting sleeve	1.25"/1.5"/32/38	2132*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
	1.5"/1.5/38/38 (PU)**	2159*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
	1.5"/1.5/38/38	2114*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
	2"/2"/50/50	2129*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
	1"/1"/25/25	2167*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
	1.5"/1.5/38/38	2115*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
Connecting sleeve	1"/1.5"/26/38	2109*	Black	EPDM	284/-76/140/-60	Yes	2	1	2	4
	1"/1.25"/26/32	2110*	Black	EPDM	284/-76/140/-60	Yes	2	1	2	4
	.7"/1.25"/17/32	2106*	Black	EPDM	284/-76/140/-60	Yes	2	1	2	4
Connecting sleeve	1.25"/1.25"/32/32	2116	Grey	PE	45/-45	No	1	2	3	1
	1"/1"/25/25	2117	Grey	PE	45/-45	No	1	2	3	1
Inter, sleeves	2"/1.5"/50/38	2131*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
	2"/1.5"/50/38 (PU)**	2160*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
Inter, sleeves	3"/2"/76/50	2100*	Black	EPDM	284/-76/140/-60	Yes	2	1	2	4
	2"/1.5"/50/38	2120*	Black	EPDM	284/-76/140/-60	Yes	2	1	2	4
	1.5"/1.25"/38/32	2121*	Black	EPDM	284/-76/140/-60	Yes	2	1	2	4
	1.25"/1"/32/25	2101*	Black	EPDM	284/-76/140/-60	Yes	2	1	2	4
Hose connector	2"/50	2403	Grey	PE	45/-45	No	2	2	3	3
	1.5"/38	2118	Grey	PE	45/-45	No	2	2	3	3
	1.25"/32	2119	Grey	PE	45/-45	No	2	2	3	3
Hose connector	2"/50	2170*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
	1.5"/38	2169*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1
	1.25"/32	2168*	Black	PA12	284/-4/140/-20	Yes	1	2	3	1

 $<sup>^{\</sup>star}\,$  Antistatic is defined as having a conductivity of < 10  $^{6}\,\Omega$ 

#### **Resistance Scale**

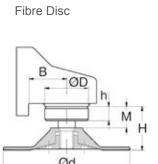
- 1 Excellent
- 2 Good 3 Limited

To order an antistatic ESD version, add the letter E to the end of the part no.

<sup>\*\*</sup> The wire helix must be bared and left in contact with conductive material













Machine		Make			Туре	
D	d	Н	h	Α	В	M

### Legend

- F Fibre disc
- D Diamond cup grinding disc
- N Depressed centre disc
- **K** Abrasive disc, diamond disc
- S Abrasive cup stone

If you cannot find the suction casing you are looking for, contact your sales representative for pricing information regarding a product tailored to your specific needs.

All suction cases should always be connected to a dust extractor while operating.

## **Suction Casings**

## Suction Casing Kit for Fibre Discs (F)

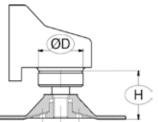


Measure the diameter of the disc.





Measure the diameter of the mounting collar on the machine - ØD and the height of the machine - H.







Disc diameter	ØD	Н	Connection, Ø	Part No.
1½-3" (38–75 mm)	1.1"/27	*	1.25"/32 mm	6833*
4" (100 mm)	1.6"-1.9"/40-49	1.5"-1.7"/39-44 mm	1.25"/32 mm	6670
4½" (115 mm)	1.6"-1.9"/40-49	1.5"–1.9"/39–48 mm	1.25"/32 mm	6671
5" (125 mm)	1.6"-1.9"/40-49	1.5"-1.9"/39-48 mm	1.25"/32 mm	6672
5" (125 mm)	2"/50	1.5"-2.1"/38-61 mm	1.25"/32 mm	6673
7" (175 mm)	2.1"-2.4"/54-61	2"-2.3"/50-59 mm	1.5"/38 mm	6674
7" (175 mm)	2.4"-2.6" & 2.9-"3" /62-65 & 74-77	2"-2.9"/50-73 mm	1.5"/38 mm	6675

<sup>\*\*</sup> Some Hitachi machines have a Ø40 mm /1.6" conical neck. With these, it is necessary to buy an aluminium ring (part no 6270). When fitted on the machine, this aluminium ring enlarges the ØD of the machine to 50 mm /1.9" — therefore choose the 5" N, K suction casing kit — part no 6678.



## **Suction Casings**

## Suction Casing Kit for Diamond Cup Grinding Discs (D)

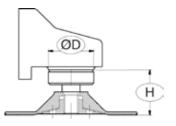


Measure the diameter of the disc.





Measure the diameter of the mounting collar on the machine - ØD and the height of the machine - H.







Technical data					
Disc diameter	ØD	Н	Connection, Ø	Part No	
4½" (115 mm)	1.6"-1.9"/40-49 mm	1.9"-2.1"/49-54 mm	1.25"/32 mm	6681	
5" (125 mm)	1.6"-1.9"/40-49 mm	1.9"-2.8"/49-70 mm	1.25"/32 mm	6682	
5" (125 mm)	2"/50 mm	1.5"-2.4"/38-61 mm	1.25"/32 mm	6673	
7" (175 mm)	2.1"-2.4"/54-61 mm	2.5"-2.8"/63-72 mm	1.5"/38 mm	6683	
7" (175 mm)	2.4"-2.6" & 2.9"-3" / 62-65 & 74-77 mm	2.5"-3.4"/63-86 mm	1.5"/38 mm	6684	

All suction cases should always be connected to a dust extractor while operating.



## **Suction Casings**

## Suction Casing Kit for Depressed Centre Discs, Abrasive Discs and Diamond Discs (N, K)



Measure the diameter of the disc.

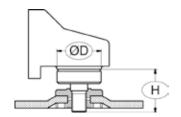


Measure the diameter of the mounting collar on the machine  $\emptyset D$  and the height of the machine - H.





Note: Max. thickness of disc = 18 mm.





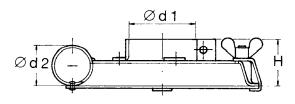


#### **Technical data**

Disc diameter	Ø D	Н	Connection, Ø	Part No.
4 ½" (115 mm)	1.6"-1.9"/40-49 mm	1.2"-1.8"/31-46 mm	1.25"/32	6676
5" (125 mm)	1.6"-1.8"/40-45 mm	1.2"-1.8"/31-46 mm	1.25"/32	6677**
5" (125 mm)	1.8"-2.1"/46-53	1.2"-1.8"/31-46 mm	1.25"/32	6678
7" (180 mm)	Tailor-made	Tailor-made	1.5"/38	*
9"	4.4"/112 mm	1.5"/37 mm	1.5"/38	6221*
9"	2.7"/68 mm	2"/51 mm	1.5"/38	6202*
9"	2.9"/74 mm	2.1"/54 mm	1.5"/38	6302*
9"	2.9"/74 mm	1.5"/37 mm	1.5"/38	6349*
9"	2"/50 mm	1.9"/47 mm	1.5"/38	6500*
9"	2.4"/62 mm	2.1"/54 mm	1.5"/38	6416*
9"	2.4"/62 mm	2"/50 mm	1.5"/38	6438*
9"	2.4"/62 mm	1.9"/48 mm	1.5"/38	6555*
9"	2.6"/65 mm	1.6"/40 mm	1.5"/38	6842*
9"	2.5"/64 mm	2"/52 mm	1.5"/38	6427*
9"	2.3"/58 mm	2.1"/54 mm	1.5"/38	6537*
Georges Renault KL 365	9"	2.3"/59 mm	1.5"/38 mm	6388*

<sup>\*</sup> With the clamping rings welded on the suction casings.

#### Connection Ø

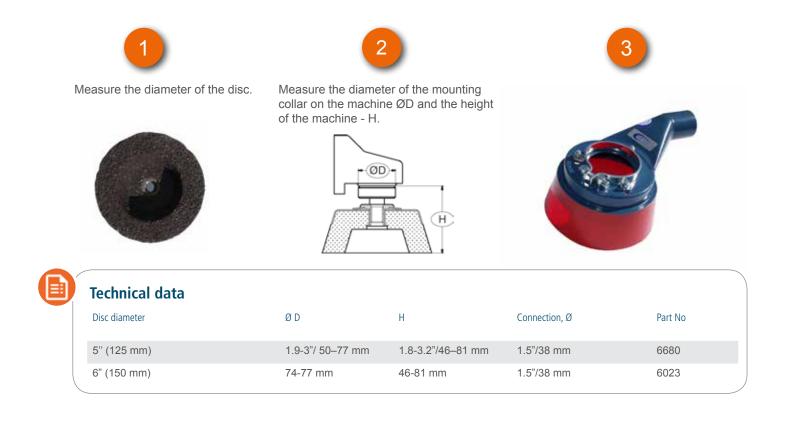


<sup>\*\*</sup> Some Hitachi machines have a  $\varnothing$ 40 mm conical neck. With these, it is necessary to buy an aluminium ring (part no 6270). When fitted on the machine, this aluminium ring enlarges the  $\varnothing$ D of the machine to 50 mm

<sup>-</sup> therefore choose the 5" N, K suction casing kit – part no 6678.

# **Suction Casings**

### Suction Casing Kit for Abrasive Cup Stone (S)



# **Reciprocating Saw – Suction casings C**



Machine model         Connection, Ø (mm)         Part No           Atlas Copco SSE 1000 X/SQ/, Milwaukee 65xx-xx (Sawzall)         1.5" /32         6290           Milwaukee 6378         1.5" /32         6269	Technical data		
	Machine model	Connection, Ø (mm)	Part No
Milwaukee 6378 1.5" /32 6269	Atlas Copco SSE 1000 X/SQ/, Milwaukee 65xx-xx (Sawzall)	1.5" /32	6290
	Milwaukee 6378	1.5" /32	6269

# **Suction Casings**

### Suction Casing for Hammer Drills, Chisels and Breakers







#### Suction casings B, H, M, L Part No Connection tool Ø Hose connection $\emptyset$ Height 6621 1.89"/48 mm 1.5"/38 mm 6.22"/158 mm 6622 1.69"/43 mm 1.5"/38 mm 6.22"/158 mm 6077 4.4"/112 mm 1.26"/32 mm 1.26"/32 mm 6078 2.4"/61 mm 1.5"/38 mm 7"/178 mm 3.9"/100 mm 6001 (7033) 2"/50 mm 6130 Bellow for 6078, 6621

Part No 6622 and 6077 are suitable for small chisel hammers.



Part No	Model	Hose connection Ø
6229	Atlas Copco RRD 37/RRD 57	1.5"/38 mm
6152	Atlas Copco BBD 11/RRC 73	1.5"/38 mm

# **Suction Casings** Spare Parts for Suction Casings

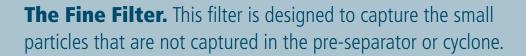
D1	Description		Dimension	1		Part No.
			D1 in/mm	D2 in/mm	H in/mm	
D2	Plastic ring for saucer grinder	5S 6S	4.8"/121 5.8"/147	5.5"/139 6.5"/164	2"/50 2"/50	6003 6004
D1 D2	Rubber collar for fibre disc (F)	1½F 2F 3F 4F 4½F 4½F 5F	1.5"/39 1.5"/39 1.5"/39 2.8"/72 2.8"/72 2.8"/72 2.8"/72	2.3"/59 2.7"/69 3.7"/95 4.6"/117 5.3"/135 5.3"/135 5.7"/145	0.9"/23 0.9"/23 1" /25 0.5"/13 0.5"/13 0.9"/23 0.5"/13	6314 6313 6312 6182 6181 618100 6195
D1 D2	Rubber collar for fibre disc (F)	5 F	3.8"/96	5.9"/150	0.6"/15	6006
D1 D2	Rubber collar for oscillating, sanding machine	5 O 6 O	2.8"/72 3.8"/96	5.7"/145 6.7"/170	1.5"/38 1.1"/28	6212 6180
D1 H	Rubber collar for fibre disc (F)	7 F 7 F 8 F 9 F	4.4"/112 4.4"/112 4.4"/112 4.5"/113	7.7"/196 7.7"/196 8.7"/221 10"/250	7"/19 1.4"/35 1.6"/41 1.25"/32	6002 6034 6211 6039

# **Choose the Right Filter**

Pleated design increases the filtering surface. For filtering to be effective without affecting user performance, the air velocity through the filter must be maintained but without overloading the volume capacity of the filter media. Suitable filter loadings vary with the material being extracted. Suitable filter loading, measured in m³/hr per m² of filter area, for concrete dust is for example, a maximum of 120m³/hr per m², while welding fume is only 60m³/hr per m² as it exerts a higher filter loading or simply put, it will block the filters more quickly. This is always considered in Dustcontrol's design criteria.

# Our dust extractor separates dust in three stages:

- 1 Large particles are separated dynamically in the **Cyclone**.
- 2. Filtration then takes place in the pleated **Fine Filter**.
- 3. Followed by a pleated **Microfilter** HEPA H13.





A high-quality, standard filter with high filtration efficiency. Epoxy-treated for improved resistance to humidity and other elements. It is pleated around a support cylinder.

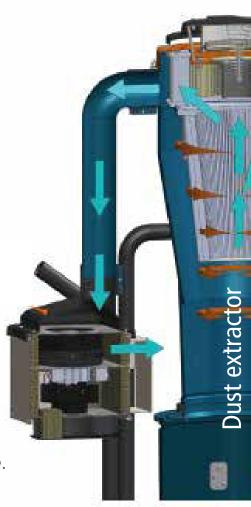
#### **Polyester Fine Filter**

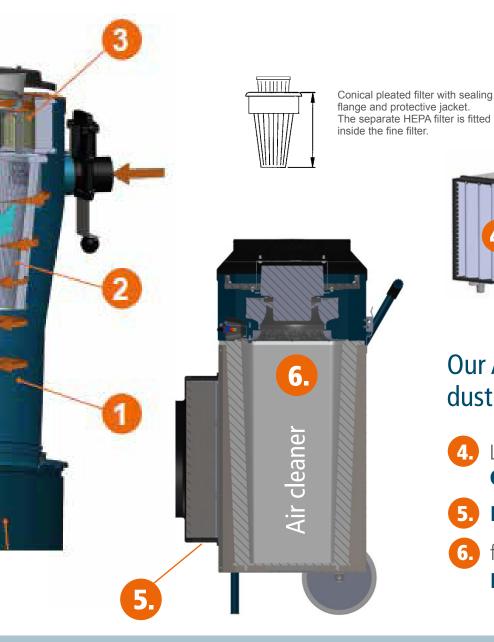
A high-quality filter resistant to most substances. Perfect for use in wet environments such as mechanical workshops in which cutting fluids etc. is used. Slightly smoother surface than the cellulose filter, enabling more efficient cleaning and a longer service life. The filter is washable

#### **PTFE Fine Filter**

The polyester filter is treated with PTFE, meaning that the filter coating can easily be separated from the surface. This type of filter is suitable for use in applications such as floor grinding. The filter is washable.

A Pre-Filter is a basic filter used with air cleaners in order to capture large particles and relieve the loading on the HEPA filter. The pre-filter is designed as a pleated filter in casette or textile form. It is disposable. Each Pre-Filter filter is individually tested for level G4 compliance.







Air cleaner

# Our Air cleaners separate dust in two stages:

- 4. Large particles are separated by the Carpet Pre-filter, or a
- Pre-filter cartridge,
- 6. followed by a pleated HEPA H13 Microfilter

# **Microfilter, HEPA filter, Absolute Filter** goes by many names, and has a filtration efficiency of 99.995%.



#### **A HEPA Filter**

The HEPA filter is assembled from a very fine-meshed fibreglass textile with extremely deep-acting properties. One or two layers of e.g. cellulose may be added to improve rigidity.

Each HEPA filter is individually tested for level H13 compliance. The test report can be obtained on request.

Dustonctrol's HEPA filters comply with the requirements for H-class dust extractors. The HEPA filter should be replaced when it becomes saturated.

All Dustcontrol's dust extractors and air cleaners, have a separate HEPA H13 filter installed after the fine filter or pre-filter. The filter systems in all Dustcontrol dust extractors are built to comply with the the stringent IEC machine classification H.

# **Filters**

#### DC 1800, DC 1800 XL, DC 2900, DC 3800 Wood Shavings Extractor

Part No	Description	Construction	Material	Area ft²/m²	Classification	Max temp
42029	Fine filter	Pleated around support cylinder	Cellulose, epoxy-treated	16.2 /1.5	IEC EN 60335-2-69 Part 1	176°F/80°C
42029ST	Fine filter x 48		Cellulose			
42028	Fine filter	Pleated	Polyester	16.2 /1.5	IEC EN 60335-2-69 Part 1	176°F/80°C
42027	HEPA filter	Pleated	Cellulose, fibreglass	9.1 /0.85	HEPA H13 EN 1822-1	176°F/80°C
40479	Combi-filter (Fine filter + HEPA filter), (GS Asbestos)	Pleated	Cellulose, epoxy-treated	16.2 /1.5	HEPA H13 EN 1822-1	176°F/80°C

#### DC **Tromb** 400

Part No	Description	Construction	Material	Area ft²/m²	Classification	Max temp
44017	Fine filter	Pleated around support cylinder	Polyester	27 /2.5	IEC EN 60335-2-69 Part 1	176°F/80°C
44043	Fine filter	Pleated around support cylinder	Cellulose, epoxy-treated	27 /2.5	IEC EN 60335-2-69 Part 1	176°F/80°C
44016	HEPA filter	Pleated	Cellulose, fibreglass	23.7 /2.2	HEPA H13 EN 1822-1	176°F/80°C
44213	Fine filter	Pleated around support cylinder	Polyester, PTFE	27 /2.5	IEC EN 60335-2-69 Part 1	266°F /130°C

#### DC **3900**, DC **3900** Twin, DC **4000** PCB

Part No	Description	Construction	Material	Area ft²/m²	Classification	Max temp
42026	Fine filter	Pleated around support cylinder	Cellulose, epoxy-treated	19.4/ 1.8	IEC EN 60335-2-69 Part 1	176°F/80°C
42026ST	Fine filter x 24		Cellulose			
42025	Fine filter	Pleated	Polyester	19.4/ 1.8	IEC EN 60335-2-69 Part 1	176°F/80°C
42025ST	Fine filter x 24		Polyester			
42465	Fine filter, PTFE	Pleated around support cylinder	Polyester, PTFE	19.4/ 1.8	IEC EN 60335-2-69 Part 1	176°F/80°C
42024	HEPA filter	Pleated	Cellulose, fibreglass	16/ 1.5	HEPA H13 EN 1822-1	176°F/80°C
42398	Fine filter	Pleated around support cylinder	Polyester	19.4/ 1.8	IEC EN 60335-2-69 Part 1	176°F/80°C
4202501	Fine filter		Antistatic	16.2 /1.5		176°F/80°C

#### DC **5900** & DC **Storm**

Part No	Description	Construction	Material	Area ft²/m²	Classification	Max temp
429203	Fine filter, PTFE	Pleated around support cylinder	Polyester, PTFE	53.8/ 5.0	IEC EN 60335-2-69 Part 1	266°F /130°C
429204	Fine filter	Pleated around support cylinder	Polyester	53.8/ 5.0	IEC EN 60335-2-69 Part 1	266°F /130°C
4292	Fine filter	Pleated around support cylinder	Polyester	90.4/ 8.4	IEC EN 60335-2-69 Part 1	266°F /130°C
42869	HEPA filter, DC Storm 500 (DC 5900 4 kW)	Pleated around support cylinder	Cellulose, fibreglass	29/ 2.7	HEPA H13 EN 1822-1	176°F/80°C
42807	HEPA filter, DC Storm 600/700/5900	Pleated	Cellulose, fibreglass	39.8/ 3.7	HEPA H13 EN 1822-1	176°F/80°C
44212	Fine filter, DC Storm 600/700/5900	Pleated around support cylinder	Polyester	53.8/ 5.0	IEC EN 60335-2-69 Part 1	266°F /130°C
44081	Fine filter, PTFE	Pleated around support cylinder	Polyester, PTFE	53.8/ 5.0	IEC EN 60335-2-69 Part 1	266°F /130°C

#### DC AirCube

Part No	Description	Construction	Material	Area ft²/m²	Classification	Max temp
42896	HEPA filter AC2000	Pleated around support cylinder	Cellulose, fibreglass	107.6/ 10	HEPA H13 EN 1822-1	122°F /50°C
42917	Pre-filter AC2000	Cartridge	Polyester	53.8/ 0.5	G4	122°F /50°C
42690	Pre-filter AC500	Pleated carpet	Polyester	2/ 0.18	G4	176°F/80°C
42692	HEPA filter AC500	Pleated	Cellulose, fibreglass	45/ 4.2	HEPA H13 EN 1822-1	176°F/80°C
42918	Pre-filter AC1200	Cartridge	Polyester	4.3/ 0.4	G4	176°F/80°C
42940	HEPA filter AC1200	Pleated	Cellulose, fibreglass	59/ 5.5	HEPA H13 EN 1822-1	176°F/80°C

## Filters for earlier models

#### DC **2500**, DC **2500** Twin

Part No	Description	Construction	Material	Area ft²/m²	Classification	Max temp
4889	Fine filter	Pleated	Polyester	15 /1.4	IEC EN 60335-2-69 Part 1	266°F /130°C
404901	Fine filter	Pleated around support cylinder	Cellulose	16.2 /1.5	IEC EN 60335-2-69 Part 1	158°F /70°C
4821	HEPA filter K	Pleated	Cellulose, fibreglass	16.2 /1.5	HEPA H13 EN 1822-1	158°F /70°C
4133	HEPA filter (fitted in the fine filter)	Pleated around support cylinder	Cellulose, fibreglass	5.4 /0.5	HEPA H13 EN 1822-1	176°F/80°C

#### DC 2700c, DC 2800c

Machines from serial number 2527595 can be equipped with the new, separate HEPA filter (Part No 42027). Older models should be equipped with a HEPA combi-filter.

Part No	Description	Construction	Material	Area ft²/m²	Classification	Max temp
4889	Fine filter	Pleated	Polyester	15 /1.4	IEC EN 60335-2-69 Part 1	266°F /130°C
404901	Fine filter	Pleated around support cylinder	Cellulose	16.2 /1.5	IEC EN 60335-2-69 Part 1	158°F /70°C
4821	HEPA filter K	Pleated	Cellulose, fibreglass	16.2 /1.5	HEPA H13 EN 1822-1	158°F /70°C
4133	HEPA filter (fitted in the fine filter)	Pleated around support cylinder	Cellulose, fibreglass	5.4 /0.5	HEPA H13 EN 1822-1	176°F/80°C
42027	HEPA filter	Pleated	Cellulose, fibreglass	9.1 /0.85	HEPA H13 EN 1822-1	176°F/80°C
42028	Polyester filter	Pleated	Polyester	16.2 /1.5	IEC EN 60335-2-69 Part 1	176°F/80°C
42029	Fine filter	Pleated around support cylinder	Cellulose, epoxy-treated	16.2 /1.5	IEC EN 60335-2-69 Part 1	176°F/80°C

#### DC **3700c**

Part No	Description	Construction	Material	Area ft²/m²	Classification	Max temp
42026	Fine filter	Pleated around support cylinder	Cellulose, epoxy-treated	19.4 /1.8	IEC EN 60335-2-69 Part 1	176°F/80°C
42025	Fine filter	Pleated	Polyester	19.4 /1.8	IEC EN 60335-2-69 Part 1	176°F/80°C

## Filters for earlier models

#### DC **3500**, DC **3500** TR, DC **5500**

Part No	Description	Construction	Material	Area ft <sup>2</sup> /m <sup>2</sup>	Classification	Max temp
408801	Fine filter	Pleated	Polyester	17 /1.6	IEC EN 60335-2-69 Part 1	176°F/80°C
408803	Fine filter	Pleated	Cellulose	17 /1.6	IEC EN 60335-2-69 Part 1	176°F/80°C
4821	HEPA filter, DC 3500 TR	Pleated	Cellulose, fibreglass	16.2 /1.5	HEPA H13 EN 1822-1	158°F /70°C
4366	HEPA filter, DC 3500 (installed on exhaust)	Pleated around support cylinder	Cellulose, fibreglass	12.9 /1.2	HEPA H13 EN 1822-1	176°F/80°C
4422	HEPA filter, DC 5500 5 kW, 9.2 kW S (installed under top cover)	Pleated around support cylinder	Cellulose, fibreglass	26.9 /2.5	HEPA H13 EN 1822-1	176°F/80°C
4017	HEPA filter, DC 5500 9.2 kW P (installed on exhaust)	Pleated	Cellulose, fibreglass	30 /2.8	HEPA H13 EN 1822-1	176°F/80°C

#### DC **5700c**, DC **5800a/c** 5 kW, DC **5800a/c** PTFE

Part No	Description	Construction	Material	Area ft²/m²	Classification	Max temp
4917	Combi-filter DC 3500i (Fine filter + HEPA H13 filter)	Pleated	Cellulose, fibreglass	16.2 /1.5	HEPA H13 EN 1822-1	176°F/80°C
4422	HEPA filter, DC 5700 5 kW, 9.2 kW S (installed under top cover)	Pleated around support cylinder	Cellulose, fibreglass	26.9 /2.5	HEPA H13 EN 1822-1	176°F/80°C
4017	HEPA filter, DC 5700 9.2 kW P (installed on exhaust)	Pleated	Cellulose, fibreglass	30 /2.8	HEPA H13 EN 1822-1	176°F/80°C
4292	Fine filter, DC 5800 11kWp	Pleated around support cylinder	Polyester	90.4/ 8.4	IEC EN 60335-2-69 Part 1	266°F /130°C
429204	Fine filter, DC 5800 5 kWp	Pleated around support cylinder	Polyester	53.8/ 5.0	IEC EN 60335-2-69 Part 1	266°F /130°C

#### Air Cleaners, DC 380, DC 1500, DC AirCube

Part No	Description	Construction	Material	Area ft <sup>2</sup> /m <sup>2</sup>	Classification	Max temp
4080	Pre-filter, DC 380/DC AirCube	Carpet	Polyester	1 /0.1	IEC EN 60335-2-69 Part 1	212°F /100°C
4669	Pre-filter, DC 1500	Carpet	Polyester	3.2 /0.3	IEC EN 60335-2-69 Part 1	212°F /100°C
42136	HEPA filter, DC AirCube	Pleated HEPA filter box	Fibreglass	55.9/5.2	EN 1822-1, HEPA H13	176°F/80°C

#### DC 3800a/c, DC 3800c Turbo, DC 3800c Twin, DC 3800 TR S

Part No	Description	Construction	Material	Area ft <sup>2</sup> /m <sup>2</sup>	Classification	Max temp
42026	Fine filter	Pleated around support cylinder	Cellulose, epoxy-treated	19.4 /1.8	IEC EN 60335-2-69 Part 1	176°F/80°C
42026ST	Fine filter x 24		Cellulose			
42025	Fine filter	Pleated	Polyester	19.4 /1.8	IEC EN 60335-2-69 Part 1	176°F/80°C
42025ST	Fine filter x 24		Polyester			
42465	Fine filter, PTFE	Pleated around support cylinder	Polyester, PTFE	19.4 /1.8	IEC EN 60335-2-69 Part 1	176°F/80°C
42024	HEPA filter	Pleated	Cellulose, fibreglass	16.2 /1.5	HEPA H13 EN 1822-1	176°F/80°C
42398	Fine filter, grounded	Pleated around support cylinder	Polyester	19.4 /1.8	IEC EN 60335-2-69 Part 1	176°F/80°C
4202501	Fine filter		Antistatic	16.2 /1.5		176°F/80°C

# **Plastic Bags**

Machine	Standard	Antistatic/ESD	Volume (gal/litre)	Size (in/mm)
DC 1800	42291*	42951****	4 /20	21.7"x21.7" /550 x 550 mm
DC 2900c	42702*		5 /20	17"x 21.7" /440 x 550 mm
DC 2800H Asbestos	42285****	42384***	10.5 /40	14"x27.5" /360 x 700 mm
DC 3800H Asbestos	42285****	42384***	10.5 /40	14"x27.5" /360 x 700 mm
DC 3900c	43619*	42384***	10.5 /40	19.7"x33.5" /500 x 850 mm
DC 3900L	432177 longopac**		-	72 ft /22 m
DC 3900c Twin	43619*	42384***	10.5 /40	19.7"x33.5" /500 x 850 mm
DC 3900L Twin	432177 longopac**		-	72 ft /22 m
DC 3900L Twin	43619*	42384***	10.5 /40	19.7"x33.5" /500 x 850 mm
DC 3900c Turbo	43619*	42384***	10.5 /40	19.7"x33.5" /500 x 850 mm
DC 3900c Twin Turbo	43619*	42384***	10.5 /40	19.7"x33.5" /500 x 850 mm
DC Tromb 400c	43619*	42384***	10.5 /40	19.7"x33.5" /500 x 850 mm
DC Tromb 400L	432177 longopac**		-	72 ft /22 m
DC 3800 Wood Shavings Extractor	4714***		23 /90	27.5"x43.3" /700 x 1100 mm
DC 4000 PCB	43619*		5 /40	14"x27.5" /360 x 700 mm
DC 5900c/DC Storm c	46145*		15.5 /60	25.2"x39.4" /640 x 1000 mm
DC 5900L/DC Storm L	44077 longopac		-	82 ft /25 m
Filter bag, Wet-Vac				
DC 50W	42190			
DC 75W	42190			
Pre-Separators				
DCF Storm c	46145*		15.5 /60	25.2"x39.4" /640 x 1000 mm
DCF Storm L	44077 longopac		-	82 ft /25 m
DCF 2800c	42702*		5 /20	17"x 21.7" /440 x 550 mm
DCF 3900c	43619*		10.5 /40	19.7"x33.5" /500 x 850 mm
DCF 3900L	432177 longopac**		-	72 ft /22 m x 1
DCF Mobil	4714	42111***	23 gal/90 l	27.5" x 43.3"/700 x 1100 mm
F 20000	4714	42111***	23 gal/90 l	27.5" x 43.3"/700 x 1100 mm
F 30000	4714	42111***	23 gal/90 l	27.5" x 43.3"/700 x 1100 mm

<sup>\*</sup> Bags are sold in pcss of 10

All plastic bags are manufactured in strong LD-polyethylene. Bag strap, part no 4313, 1 m, part no 4613, 1.5 m.

<sup>\*\*</sup> Bags are sold in pcss of 4

<sup>\*\*\*</sup> Bags are sold in pcss of 50

<sup>\*\*\*\*</sup> Bags are sold individually



#### Save time - use QR codes

There are QR codes on all our mobile machines. Scan the code and you will be able to see videos on filter cleaning and how to replace filters and plastic bags.

No QR reader in your smartphone? Download it from the App/Android store

How to use our QR codes? See our video on YouTube https://www.youtube.com/watch?v=0BSocYF-6MU

#### Which solution will you choose?

As a true professional, you have high requirements for your equipment. Dustcontrol has been involved with dust extraction and material transport for more than 40 years and we supply dust extractors and air cleaners for all types of applications. No matter what you choose, you can be sure of getting truly professional equipment that is built with your work environment and health in mind.

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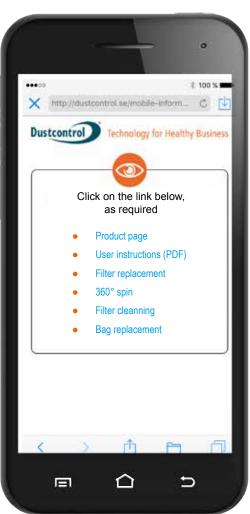
Please contact the headoffice in Sweden if you do not find a distributor in your area.

info@dustcontrol.se



Easily scanned using a smartphone, QR codes work like quick links, taking you straight to the information you need. We aim to make it easy for you to find information about our products, such as how to replace and clean the filter, or replace the bag. Our QR codes make it easy to find helpful instructional videos in the language of your choice, including English, Swedish, German or Finnish.

To scan the codes, you will need to download a QR code reader app. These can be obtained free of charge via the App Store, Android Market or similar platforms.







DC AirCubes



DC 1800, DC 2800, DC 2900



DC Storm, DC 5900



DC Wet-Vacs



DC Accessories FoodIndustry



#### How to use our QR codes? See our video on YouTube

https://www.youtube.com/watch?v=0BSocYF-6MU

## **Dustcontrol's Environmental and Quality Policy.**

As an environmental company, we have a special responsibility as to how our products and services affect the environment – the external environment, our own working environment and that of our customers. We want to take responsibility for the environment as a whole. We therefore strive to comply with current environmental legislation and to constantly improve our own environmental work.

It is our responsibility to ensure that all employees are well qualified in environmental issues. We work to identify environmentally friendly modes of transport and company vehicles, and to minimise and separate – at source – the quantity of waste that arises in conjunction with manufacturing.

The entire production cycle is monitored, and we strive to make continuous improvements by finding environmentally friendly alternatives wherever possible. This can include anything from the use of environmentally friendly containers and pcsaging, to ensuring that the waste Bags are biodegradable. We use a method of powder coating that is free from solvents and minimises waste.

Dustcontrol adheres closely to the EU Reach and RoHS directives in order to reduce the use of chemicals to a minimum. We source only locally produced products for use in the manufacturing operation, in order to minimise freight

costs and reduce  ${\rm CO_2}$  emissions. We operate with Lean Production to achieve the best possible process flow, with efficient utilisation of resources and reduced lead times.

Our quality should meet the requirements of our customers. This applies equally to product quality, delivery reliability and service. Our customers should know that we listen to their feedback in our ongoing efforts to improve the management system

We update our management system continuously, and Dustcontrol is certified according to ISO14001:2004 and ISO9001:2008.

"Technology for Healthy Business", is an approach that permeates our entire operation. For Dustcontrol, this means: sustainability, financial stability, efficient and effective solutions, physical health and a safe working environment.







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