

# DustCare Filtration Options

## HepaFlo and MicroFlo



AirFlo System

With our patented AirFlo system on the DustCare machines there is a choice of two unique dust bag specifications:-

- (1) **HepaFlo** - this specification is for normal vacuum cleaner operation.
- (2) **MicroFlo** - is for the full range of fine dust applications

**IMPORTANT NOTE**  
DustCare machines equipped with MicroFlo bags can be TOO GOOD, resulting in overfilling. In applications such as chimney sweeping or woodworking where ultra fine dust is not the main problem, use HepaFlo bags in place of MicroFlo. Both bag types can be used on all models to suite changing requirements.

## Dustcare Accessory Kits

All DustCare machines are supplied as standard with our 38mm (1½") kit BB5 for normal commercial industrial cleaning including MicroFlo new building end cleaning. The optional kit NH5 is designed for use together with hand tools or wood surface finishing machines; comprising a 5m long HiloFlex 51mm (2") connection hose and a set of 4 universal end fittings to cover the majority of standard dust hood connections.



Power outlets to suit national specifications (A type)

Hose adapter Kit NH5

**With "A" models Simplex NDS single motor machines can accept 2000W max additional appliance load at the machine outlet. On Duplex NDD twin motored models the additional permitted load is 1000W.**

Model	Motor	Power	Sucton	Airflow	Kit	Capacity	Range	Weight	Size
NDS570	1200W	230V AC 50/ 60Hz	2400 mm	38L/sec	BB5	23 Litre	26.8 m	16.5 Kg	415x415x645mm
NDD570	2400W		2400 mm	76L/sec	BB5	23 Litre	26.8 m	16.5 Kg	415x415x645mm
NDS900	1200W		2400 mm	38L/sec	BB5	40 Litre	26.8 m	24.0 kg	800x490x880mm
NDD900	2400W		2400 mm	76L/sec	BB5	40 Litre	26.8 m	24.0 kg	800x490x880mm
NDS570A	1200W		2400 mm	38L/sec	BB5	23 Litre	26.8 m	16.5 Kg	415x415x645mm
NDS900A	1200W		2400 mm	38L/sec	BB5	40 Litre	26.8 m	24.0 kg	800x490x880mm
NDD570A	2400W		2400 mm	76L/sec	BB5	23 Litre	26.8 m	16.5 Kg	415x415x645mm
NDD900A	2400W		2400 mm	76L/sec	BB5	40 Litre	26.8 m	24.0 kg	800x490x880mm

**Numatic International Limited, Chard, Somerset, TA20 2GB**  
**Telephone: 01460 68600 Fax: 01460 68458**

**UNITED KINGDOM:** www.numatic.co.uk **GERMANY:** www.numatic.de  
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# Dustcare... fine dust control for the workplace.

**Simplex S Models** The DustCare range has been a dedicated development to produce a range of professional machines addressing the needs of fine dust applications as found throughout the building industry. The AirFlo and MicroFlo technology (patent applied for) has introduced an exceptional upgrade in both performance and dust collection and this technology has been incorporated into our Structofoam 570 and 900 professional models. The Simplex NDS single motor models are designed to be used in conjunction with hand tools incorporating vacuum hoods that produce low to medium fine dust volumes but, equally, for all cleaning applications including end cleaning of building sites.



NDS570

NDS900

## Duplex D Models

The DustCare Duplex 2 motored series provides a 100% upgrade in airflow performance and is designed to operate where much larger dust generation is present. As with the single motor machine an optional kit is available (NH5) to allow the DustCare machine to be connected directly to the dust collection hood on the particular hand tool being used. A perfect example of a Duplex application is the use of single or twin bladed wall chasers used on pre-plastered surfaces. The dust generation is both fine and of high volume and requires a maximum performance model to provide optimum dust control at source. For fine dust applications the MicroFlo multistage dust collection bags are exceptional, reaching standards previously not possible but, at the same time, allowing for both the clean operation and simplified emptying of the collected dust, just not possible with unbagged designs with complex, and continuously blocked, filter concepts.



NDD900

NDD570

**DustCare "Auto"** The ultimate combination of operational performance and automatic operation in conjunction with a whole selection of work tools both in woodworking and stone working. Each DustCare 570 or 900 machine, be it Simplex or Duplex, can be fitted with our Electronic Auto Control System.

All "A" machines are equipped with an appropriate power outlet pre-fitted to the power head. When a hand tool is connected to this supply, the vacuum cleaner and the tool operation will be fully synchronized; when the tool is switched off the vacuum cleaner will purge and switch off automatically. The converse is also true, switch the hand tool on and the vacuum cleaner switches on automatically. This is vitally useful when machines and workstation are not adjacent to each other, ie on scaffold or ladders - the operation is fully automatic.



NDS900A

NDS570A



Power Outlet