

# Dustcare Micro

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# DustCare Micro... M/H Class Dust Control.

The DustCare range is a combination of our patented AirFlo and MicroFlo dust bag design and has established a unique position in setting a new performance standard in the collection of fine dusts.

One of the most important features of the DustCare system is not just the performance standard but also the convenience of emptying the machine when full. The removal of one full bag and its replacement with a new one is all it takes, no filter cleaning, just change the bag and start again.

The DustCare Micro programme includes Simplex one motored or Duplex two motored models in 570 (18-litre) and 900 (32-litre) sizes and suitable for M or H class dust standards.



AirFlo System

MDD900

## Model Range

The Numatic DustCare Micro series is available with a choice of capacities, motors & filtration specification:

### 2 Capacities

23-litre (570) and  
40-litre (900)

### 2 Power Options

Simplex 1 motor  
(MDS models)  
Duplex 2 motored  
(MDD models)

### 2 Filtration Specifications

**M Series** Medium Hazard  
Dust (99.9% \*)

**H Series** High Hazard  
Dust (99.995% \*)

\* to IEC 60 335-2-69

### 2 Bag Systems

**HepaFlo** – high efficiency  
and suitable for the  
majority of normal  
applications.

**MicroFlo** –  
specifically designed  
for the collection of  
fine dust.



MDS/MDD900

MDS/MDD570

MDS/MDD900A

MDS/MDD570A

All of the model selections are equipped with our unique AirFlo system and suitable for use with both HepaFlo and MicroFlo fully interchangeable dust bag systems. The universal power head is designed and built to our fully approved HZ specification.

## DustCare Micro "Auto"

Each DustCare Micro 570 or 900 machine, be it Simplex or Duplex, M or H filtration, can be fitted with our Electronic Auto Control System - machines are equipped with an appropriate power outlet pre-fitted to the power head and, when a hand tool is connected to this supply, the vacuum cleaner and the tool operation will be fully synchronized so that when the tool is switched off the vacuum cleaner will switch off automatically. The converse is also true, switch the hand tool on and the vacuum cleaner starts automatically. This is a vitally useful function when machines and workstation are not adjacent to each other, ie on scaffold or ladders, the operation is fully automated.

# DustCare Filtration Options

## HepaFlo and MicroFlo



Filter Cartridge -  
H models

Filter Cartridge -  
M models

The full DustCare Micro range is available in a choice of two filtration specifications

### **M Class**

Suitable for medium hazard dusts operating at 99.9% efficiency.

### **H Class**

Suitable for high hazard dusts and operating at 99.995%.

(M and H Class to IEC 60 335-2-69)

For both M and H class machines there is also a choice of two types of dust bag:  
**HepaFlo** – high efficiency and suitable for the majority of normal applications.  
**MicroFlo** – specifically designed for the collection of fine dust

### **IMPORTANT**

*It is important to understand that the use of dust bags is a major advantage of the DustCare design as, whatever the dust collected, when it comes to emptying the machine*

*it is simplicity itself and a clean operation with all the collected material inside the bag ready for disposal.*

*When using the machine for the first time, or on a new application, start with using a*

*HepaFlo bag unless the material being collected is known to be ultrafine in which case MicroFlo would be the preferred type.*



AirFlo System



# DustCare Micro 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.



Kit BB5



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	Filtration	Capacity	Range	Weight	Size
MDS570	1200W		2500 mm	42L/sec	BB5	M/H	23 Litre	26.8 m	16.5 Kg	415x415x645mm
MDD570	2400W		2500 mm	84L/sec	BB5	M/H	23 Litre	26.8 m	16.5 Kg	415x415x645mm
MDS900	1200W		2500 mm	42L/sec	BB5	M/H	40 Litre	26.8 m	24.0 kg	800x490x880mm
MDD900	2400W	230V	2500 mm	84L/sec	BB5	M/H	40 Litre	26.8 m	24.0 kg	800x490x880mm
MDS570A	1200W	AC 50/	2500 mm	42L/sec	BB5	M/H	23 Litre	26.8 m	16.5 Kg	415x415x645mm
MDS900A	1200W	60Hz	2500 mm	42L/sec	BB5	M/H	40 Litre	26.8 m	24.0 kg	800x490x880mm
MDD570A	2400W		2500 mm	84L/sec	BB5	M/H	23 Litre	26.8 m	16.5 Kg	415x415x645mm
MDD900A	2400W		2500 mm	84L/sec	BB5	M/H	40 Litre	26.8 m	24.0 kg	800x490x880mm