

# DCSC-M-2 Mobile self-cleaning filter



## Description

DCSC-M-2 is a versatile mobile filter unit designed for extraction of dust and fumes from a temporary or mobile workstations. Capacity of the unit is enough for two extraction arms. DCSC-M-2 is equipped with filter cleaning system of high efficiency that allows cleaning filter cartridge of the unit without interruption of working process. Filter cleaning system requires connection to external compressed air supply. DCSC-M-2 unit is suitable for continuous indoor operation under the following environmental conditions: ambient temperature from +10 to +45 °C and relative humidity of 80% at 25 °C.

## Industries and applications

- Welding fumes
- Light dry dust applications
- Smells and welding gazes (with carbon filter)

## Limitations

DCSC-M-2 is not suitable for extraction of dust generated by sand-paper and other paper-based abrasives grinding or polishing applications. Unit is not suitable for operation in the presence of dust or aerosols of explosive substances or aggressive vapors and gazes.

## Features

- Built-in filter cleaning system
- Vertical positioning of filter cartridge
- Solid design
- Big and reliable castors
- Can be used with different types of filter cartridges
- Extraction arms of different lengths are available

## Article numbers / Technical characteristics

Article №	Model	Max airflow, m <sup>3</sup> /h	Filtration surface, m <sup>2</sup>	Filtration class	Power consumption, kW	Weight, kg
<b>DCSC-M-2-160 (For one extraction arm with diameter 160 mm)</b>						
5801	DCSC-M-2-160-A20	1650	20	M MERV	1.5	172
5803	DCSC-M-2-160-T20					
<b>DCSC-2-2x160 (For two extraction arms with diameter 160 mm)</b>						
5809	DCSC-M-2-2x160-A20	1980	20	M MERV	1.5	172
5811	DCSC-M-2-2x160-T20					
<b>DCSC-2-200 (For one extraction arm with diameter 200 mm)</b>						
5817	DCSC-M-2-200-A20	1800	20	M MERV	1.5	172
5819	DCSC-M-2-200-T20					

## Delivery set / Standard kit info



- Built-in fan
- Spark arrester
- Power cable with plug
- Control panel
- Filter cartridge
- Oil separator with reduction box for compressed air supply

Extraction arm/arms are **NOT INCLUDED** and **NEEDS TO BE ORDERED SEPARATELY**.

## Extraction arms suitable for DCSC-M-2

Article №	Model	Reach area, m	Description
5359	BEA-M-2S	2	Standard extraction arm, diametr 160 mm without working light.
5311	BEA-200-2S		Standard extraction arm, diametr 200 mm without working light.
6130	BEA-M-2SL		Standard extraction arm with working light. The suction hood is equipped with two buttons: 1-st button is intended for working light switching. 2-nd button is intended for DCSC-M switching.
5361	BEA-M-3S	3	Standard extraction arm, diametr 160 mm without working light.
5312	BEA-200-3S		Standard extraction arm, diametr 200 mm without working light.
6131	BEA-M-3SL		Standard extraction arm with working light. The suction hood is equipped with two buttons: 1-st button is intended for working light switching. 2-nd button is intended for DCSC-M switching.
5363	BEA-M-4S	4	Standard extraction arm, diametr 160 mm without working light.
5313	BEA-200-4S		Standard extraction arm, diametr 200 mm without working light.
6132	BEA-M-4SL		Standard extraction arm with working light. The suction hood is equipped with two buttons: 1-st button is intended for switching of working light. 2-nd button is intended for DCSC-M switching.

## Spare filter elements

	Article №	Model	Description
	6100	sCF-DCSC-M-2	Carbon filter for filtration of smells and welding gazes
	6911	Acart-0-20	Spare filter cartridge, 20 m <sup>2</sup> , antistatic
	6913	Tcart-0-20	Spare filter cartridge, 20 m <sup>2</sup> , for heavy applications
	18079	sPreco-N	Pre-coating powder for filter cartridges. 1 kg
	7331	sPreco-N	Pre-coating powder for filter cartridges. 12 kg

