

DCSC-W Stationary filter unit



Description

Stationary wall mounted filter unit DCSC-W is designed for extraction and cleaning of air from aerosols and dusts emitted during welding, gas cutting, metal works and other dust generating applications. DCSC-S is intended for indoor operation. Unit is equipped with highly efficient compressed air pulse filter cleaning system. Connection to external compressed air supply is required. Additional cleaning efficiency is provided by vertical positioning of filter cartridges and special air splitter inserts installed in each filter cartridge of the unit.

Industries and applications

- Welding processes
- Dust extraction

Features

- Simple and robust design
- Different installation options
- Compatible with standard extraction arms
- Built-in fan (option)

Restrictions

- Not suitable for explosive or combustible substances
- Not suitable for materials that tend to smolder or self-ignite

Spare filter elements

Article №	Cartridge type (index)	Application area	Features
Standard cartridges, 12 m²			
6900	Pcart-12	Dust with particle size over 0.5 µm.	Preliminary coating by sPreco-N is recommended (500 to 1000 g per 1 cartridge). It is essential to control and keep the recommended air flow.
		Welding aerosols	Preliminary coating by sPreco-N is required (500 to 1000 g per 1 cartridge). It is essential to control and keep the recommended air flow.
6901	Acart-12	Dust with particle size over 0.5 µm prone to electrostatic charge accumulation.	Preliminary coating by sPreco-N is recommended (500 to 1000 g per 1 cartridge). It is essential to control and keep the recommended air flow.
6903	Tcart-12	**Plasma, laser and gas cutting aerosols. Welding aerosols. Sublimates, soldering fumes. Various types of dust with majority of fine fraction (Dust with particle size less than 0.5 µm).	Preliminary coating is not necessary. For heavy duty applications. Higher speed of filtration is allowed. Longer cartridge life-time.
Special cartridges, 10 m² For very rough working conditions.			
6908	Tcart-10	Welding aerosols. Sublimates, soldering fumes. Various types of dust with majority of fine fraction (Dust with particle size less than 0.5 µm).	Preliminary coating is not necessary. For very rough working conditions at thermal cutting of metals and similar processes. Higher speed of filtration is allowed. Longer cartridge life-time.

Technical characteristics

Model	Airflow, m ³ /h	Filtration area, m ²	No. of cartridges	Connection, mm	Dust bin	Fan model	Fan power, kW
DCSC-W-1							
without fan							
DCSC-W-1-01	1000	12/10	1	160	10l, hinged	-	-
DCSC-W-1-03	1000	12/10	1	160	40, floor	-	-
with fan							
DCSC-W-1-00	1000	12/10	1	160	10l, hinged	VM-p2500	1,2
DCSC-W-1-02	1000	12/10	1	160	40l, floor	VM-p2500	1,2
DCSC-W-2x160							
without fan							
DCSC-W-2x160-01	2x1000	2x12/2x10	2	160x2	10l, hinged	-	-
DCSC-W-2x160-03	2x1000	2x12/2x10	2	160x2	2x40l, floor	-	-
with fan							
DCSC-W-2x160-00	2x1000	2x12/2x10	2	160x2	10l, hinged	VM-6000	4,1
DCSC-W-2x160-02	2x1000	2x12/2x10	2	160x2	2x40l, floor	VM-6000	4,1
DCSC-W-200							
without fan							
DCSC-W-200-01	2000	2x12/2x10	2	200	10l, hinged	-	-
DCSC-W-200-03	2000	2x12/2x10	2	200	2x40l, floor	-	-
with fan							
DCSC-W-200-00	2000	2x12/2x10	2	200	10l, hinged	VM-6000	4,1
DCSC-W-200-02	2000	2x12/2x10	2	200	2x40l, floor	VM-6000	4,1

