

Compact autonomous dust remover DAC 500

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The DAC 500 autonomous dust remover allows combining in a compact enclosure the following three components:

- a motor driven fan unit
- a filtering unit
- a high voltage generator, powering our range's capacitive systems.

The DAC 500 autonomous dust remover is built around a centrifugal fan placed in rotation by an electric motor. The polluted air is sucked by the top of the device. This air passes through a prefilter designed to collect the largest particles. After the prefilter, a multi-dihedral high-efficient filter stops the finest particles, limiting discharges into the ambient air.

The depolluted air is ejected from the dust remover through a series of vents to limit its speed and reduce the operating noise.



The integrated high voltage generator acts like a transformer, which raises the electric power network's voltage to the high voltage required to operate the equipment used to eliminate the electrostatic charges by ionizing the air.



- Robust
- Compact
- High performance
- Recognized reliability
- Stainless steel (option)



ANTISTATIC

Compact autonomous dust remover

DAC 500

TECHNICAL DATA

Motor's power supply voltage:

400 VAC Three-phase

Motor power:

0.75 kW

Turbine rotational speed:

2800 rpm

Nominal flow rate:

500 m³/h

Sound level:

69 dB at 2m

Weight:

110 kg

Finish:

Case in grey lacquered steel sheet metal (RAL7011).

Prefilter:

50mm glass fiber,
Filtration class G3

Filter:

Multi dihedral glass
fiber paper media

Surface:

9m², filtration class F8

Power supply voltage:

400 VAC

Power supply frequency:

50 / 60 Hz

Nominal secondary voltage:

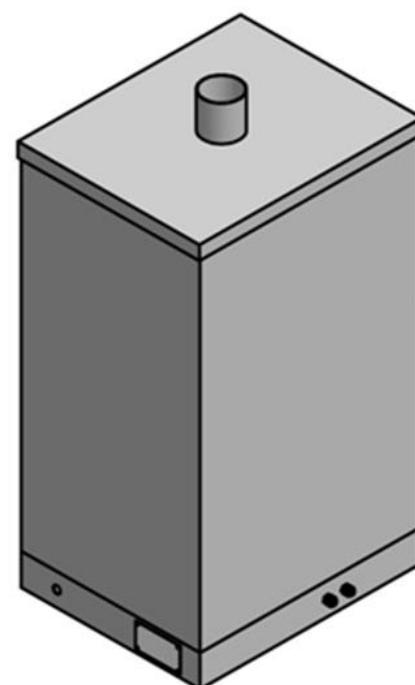
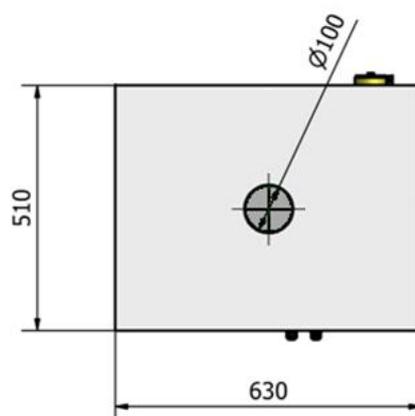
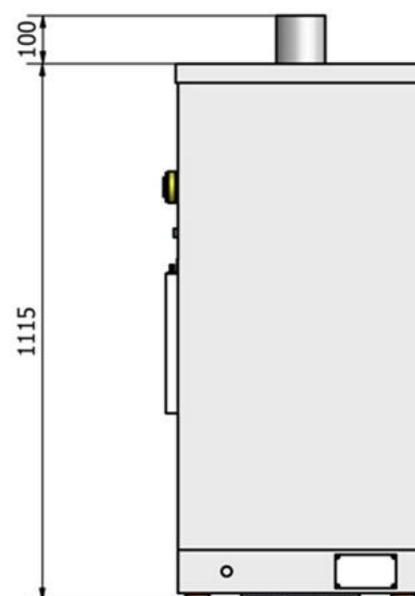
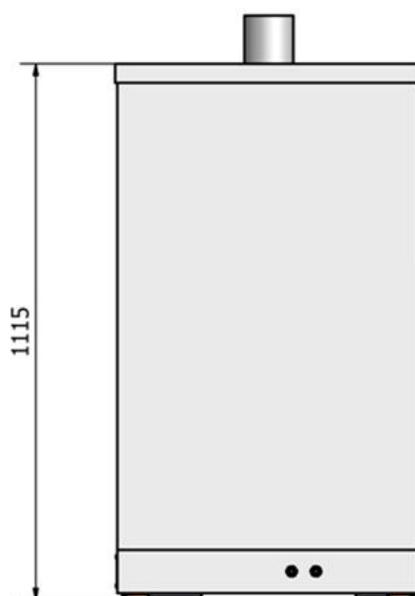
5000 VAC

Secondary voltage under load:

7000 VAC

Max secondary current:

7mA



This equipment must not be used in an inflammable or explosive environment!

The equipment is to be earthed well so that the appliance operates properly

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