

ATEX · II 1/2 GD · HEPA H14 INCLUDED

CD-600 EX

Compact professional ATEX gas collection unit with HEPA H14 filter included as standard. Flexible motor options: 2.2 kW (400V) or 1.5 kW (230V).

- HEPA H14 included as standard
- 400V or 230V motor choice
- Compact design, easy to handle
- IP65 protection



CD-600 EX ATEX stainless steel gas collection unit with HEPA H14

LCIE 03 ATEX 6295 X · IECEx LCI 10.0040X · HEPA H14 included

Quick facts	
Certification	ATEX II 1/2 GD
HEPA H14	Included
Capacity	1000 m³/h
Motor	2.2/1.5 kW
Weight	160 kg
Inlet	Single
IP Rating	IP65

About CD-600 EX

The CD-600 EX is a compact professional gas collection unit designed for ATEX-certified areas. The unique strength of the CD-600 EX is that the HEPA H14 filter is included as standard right out of the box—not as an optional add-on. This ensures maximum air quality and is ideal for pharmaceutical and chemical production from day one.

The unit operates with either a 2.2 kW (400V 3-phase) or 1.5 kW (230V single-phase) TEFC motor, making it versatile in different work environments. With a single Ø150 mm inlet, 1000 m³/h capacity, and a 10L collection drawer, it is compact yet powerful.

Technical Specifications

Parameter	Value
ATEX Certification	LCIE 03 ATEX 6295 X, IECEx LCI 10.0040X
External Classification	Ex db h IIB T4 Gb + Ex h tb IIIC T135°C Db IP65
Internal Classification	Ex h IIC T6 Ga + Ex h IIIC T50°C Da
Gas Zones	Zone 1, Zone 2

Parameter	Value
Dust Zones	Zone 21, Zone 22, Zone 20 (internal)
Motor Type – 400V	2.2 kW TEFC, 400V 3-phase, 4.8 A
Motor Type – 230V	1.5 kW TEFC, 230V single-phase, 12.3 A
Air Capacity	1000 m³/h
Sound Level	72 dB(A)
Inlet Diameter	Ø150 mm single
Primary Filter	Conductive spunbond 97%
Afterfilter	HEPA H14 99.99% (INCLUDED)
Collection Drawer	10 L capacity
Dimensions (L×W×H)	91 × 68 × 173 cm
Weight	160 kg
Cable Length	10 m standard
IP Rating	IP65

Accessories



CD-600 EX side door with filter cartridge access

Side Door with Filter Access



Purge filter cartridge included

Purge Filter Cartridge (Included)



CD-600 EX control panel

Control Panel



Purge filter cartridge in housing

Filter Cartridge in Housing



Differential pressure gauge for filter blockage

Differential Pressure Gauge



Wall mounting bracket

Wall Mount Bracket

Options

- **MRP System** — Automatic filter cleaning with manual plastic valve
- **ARP System** — Automatic filter cleaning with 10L air tank
- **400V or 230V Motor** — Choose according to your electrical supply
- **Differential Pressure Gauge** — Monitor filter blockage in real time
- **Wall Mount Bracket** — For installation of gas collection unit on walls

CONTACT

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