

RECIRCULATION SHOWCASE WITH DOUBLE FILTER

**CLASS I SAFETY AND VAPOUR AND GAS PURIFICATION
ACCORDING TO – UNE EN 14175 – NF X15-211 – BS 7989 – UNE EN 12469**

EUROAIRE CBK-G Model

Features

- CLASS I safety cabin according to UNE EN 14175, NF X15-211, BS 7989 and UNE EN 12469 standards with mixed filtration for vapors and gases.
- Compact system that includes filters + ducts + motors within a single cabinet.
- Designed to provide total protection to the operator and their environment while handling microorganisms or biological and chemical products of low and/or moderate risk.
- Work area built in galvanized steel with anti-corrosion protection + layer of anti-corrosion polymer paint.
- 8 mm opal tempered glass work surface, resistant to spills.
- The air is filtered in FOUR stages:

1. G4 Pre-Filter (90% Efficiency) (OPTIONAL)
2. HEPA H14 molecular absolute filter (Ef. 99.995% MPPS according to EN1822).
3. Main Activated Carbon chemical filter for adsorption of hazardous gases and vapors.
4. Activated Carbon chemical filter for safety for adsorption of hazardous gases and vapors.



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- Continuous detection system of filter saturation, located between them.
- The CBK Booth Series are constructed of epoxy painted galvanized steel, with high resistance to chemical corrosion.
- Protective barrier in work area with a speed greater than 0.53 m/s. with a flow rate of 220 m³/hr.
- Automatic speed control system with alarms.
- LED and UV lighting (OPTIONAL) excluded.
- Monitoring of speeds, filter saturation level, ventilation level, suction speed...
- CBK-G Series Cabinets include alarms for:
 - ✓ Loss of barrier due to door opening.
 - ✓ Loss of molecular efficiency.
 - ✓ Molecular Filter Saturation Detection
 - ✓ Decrease in suction speed, or engine speed. Ventilation defect index.
 - ✓ Filter expiration and clogging level.
 - ✓ Detection System Expiration
- They are equipped with an internet connection for remote monitoring/control via PC, Smartphone etc...
- Includes feature update system to keep up to date with regulatory changes



Optional Accessories:

- Unit support table with wheels
- UV light and 220 v plug.
- Remote Control and System Monitoring Software

MAIN OFFICE

DELEGATIONS

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Technical Specifications

MODEL	CBK 80 –G (P)	CBK 120 –G (P)	CBK 150–G (P)	CBK 180–G (P)
Work area (width x depth x height) mm	800X705X725	1200X705X725	1500X705X725	1800X705X725
Dimensiones exteriores (width x depth x height) mm	815X720X1110	1215X720X1110	1515X720X1110	1815X720X1110
Transport measures (width x depth x height) mm	915 X 800 X 1200	1315 X 800 X 1200	1615 X 800 X 1200	2015 X 800 X 1200
Gross weight (kg)	120	150	180	225
Material	Work area Epoxy painted galvanized steel and 8 mm opal tempered glass surface			
Control system	Automatic regulation controlled by PLC microprocessor and touch screen			
P-type cabin filters	Hepa H14 absolute filter with an efficiency of 99.995% MPPS according to EN 1822			
Cabin Filters Type V	Activated Carbon Main Filter for Gases and Vapors Activated carbon safety filter for gases and vapours			
PV Cabin Filters	Hepa H14 absolute filter with an efficiency of 99.995% MPPS according to EN 1822 Activated Carbon Main Filter for Gases and Vapors Activated carbon safety filter for gases and vapours			
Barrier (velocity/flow rate)	> 0,53 m/s, 220 m3/hr			
Noise level	≤ 45 db			
LED Lighting	1 X 10 W (600 mm) (1000LM)	1 X 14 W (900 mm) (1400LM)	1 X 18 W (1200 mm) (1673LM)	1 X 23 W (1500 mm) (2300LM)
Ultraviolet Lamp (OPTIONAL)	1 X 20 W	1 X 30 W	1 X 30 W	1 X 30 W
Power	220 v, 50 hz +/- 10%			
Regulations applied	CE, UNE EN 12469, UNE EN 14175, AFNOR NF X 15211:2009, BS 7989:2001, ISO 9001 (NPT 1055 del INSBBT)			
Support Table	optional	optional	optional	optional
Engines	1	2	3	3
Panel Frontal	2 split PMMA panels 6 mm thickness transparent and colorless and inert to chemical corrosion.			
Consumption W (not including plug)	68	70	83	120

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Ordering Information

Código	Descripción
00-CBK80-G	CLASS I HEPA H14 CABIN + CARBON FILTER MOD CBK80 PAINTED EXPOXY AND GLASS SURFACE
00-CBK120-G	CLASS I HEPA H14 CABIN + CARBON FILTER MOD CBK120 EXPOXY PAINTED AND GLASS SURFACE
00-CBK150-G	CLASS I HEPA H14 CABIN + CARBON FILTER MOD CBK150 EXPOXY PAINTED AND GLASS SURFACE
00-CBK180-G	CLASS I HEPA H14 CABIN + CARBON FILTER MOD CBK180 EXPOXY PAINTED AND GLASS SURFACE
52-ADAP-CBK80	ADAPTER FOR EXTERNAL CABIN EJECTION CBK80 DIAM TUBE 300 mm
52-ADAP-CBK1215	ADAPTER FOR EXTERNAL CABIN EJECTION CBK120/150 DIAM TUBE 300 mm
52-ADAP-CBK1718	ADAPTER FOR EXTERNAL CABIN EJECTION CBK170/180 DIAM TUBE 300 mm
52-MSOPCBK80	CABIN SUPPORT TABLE tube 40 epoxy painted CBK80 800(W)x700(D)x900(H) (mm)
52-MSOPCBK120	CABIN SUPPORT TABLE tube 40 epoxy painted CBK120 1200(W)x700(D)x900(H) (mm)
52-MSOPCBK150	CABIN SUPPORT TABLE tube 40 painted epoxy CBK150 1500(W)x700(D)x900(H) (mm)
52-MSOPCBK170	CABIN SUPPORT TABLE tube 40 painted epoxy CBK170 1700(W)x700(D)x900(H) (mm)
52-MSOPCBK180	CABIN SUPPORT TABLE tube 40 epoxy painted CBK180 1800(W)x700(D)x900(H) (mm)

"All information, characteristics, dimensions and electrical data shown in TDI's commercial documents and data sheets are indicative and not contractual; therefore, they are subject to change according to the needs of each client and as long as the applicable regulations allow it."

MAIN OFFICE

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DELEGATIONS

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