

Polex Environmental Engineering Pty Ltd
ACN 121 129 842

PolexTM CLEAN-CARBO SERIES

Description

The Clean-Carbo range of filters is for the filtering and deodorising of contaminated air, polluted by welding smoke, oil, gas, vapour and general fumes. The filter modules are connected according to air-flow requirements.

Operating Principle

The polluted air first enters the CLEAN section of the filter. Larger particulate matter is filtered through the pre and main filter. Immediately following this, the pre-filtered air is further filtered through the CARBO section which is directly connected to the CLEAN section. The CARBO filter removes fumes and odours.

Construction

1.2mm thick Galvanised sheetmetal construction.

Pre-Filter

Pre-filter (synthetic resin primed polyester fibre).

Main-Filter

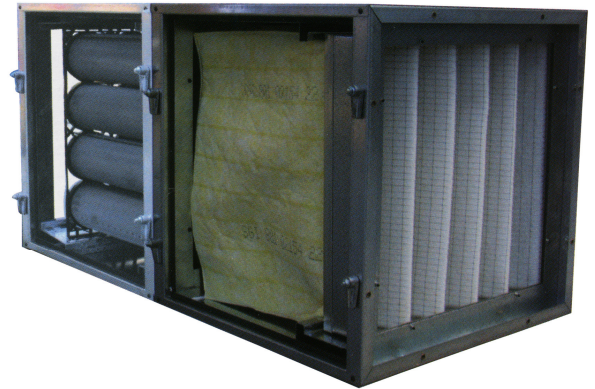
Glass fibre media.

Carbon-Filters

Activated carbon.

Applications

Welding exhaust systems, chemical fumes, paint odours, adhesive fumes etc.



Clean-Carbo Filter Module
(Model Clean-Carbo 22 shown)

- **Suitable for a range of applications**
- **High filtering efficiency**
- **Modular construction**
- **Easy filter removal**
- **2,000m³/h to 30,000m³/h capacity**

Model	Overall Dimensions HxWxL (mm). HxW is inlet dimension	Max. Airflow (m ³ /h) *
Clean-Carbo 21	700 x 350 x 1400	1,500
Clean-Carbo 22	700 x 700 x 1400	3,000
Clean-Carbo 42	1400 x 700 x 1400	6,000
Clean-Carbo 62	2100 x 700 x 1400	9,000
Clean-Carbo 82	2800 x 700 x 1400	12,000
Clean-Carbo 102	3500 x 700 x 1400	15,000
Clean-Carbo 44	1400 x 1400 x 1400	12,000
Clean-Carbo 64	2100 x 1400 x 1400	18,000
Clean-Carbo 84	2800 x 1400 x 1400	24,000
Clean-Carbo 104	3500 x 1400 x 1400	30,000

* Airflows in table are for welding applications only. For other applications, please contact Polex.