

Carbon Cell Filter Systems

Applications

These filters are manufactured for ease of installation and incorporation into ducted air systems. They can be used on both supply for purifying incoming air, and also used on the extract to remove toxic gasses and odours.

- Elimination of cooking odours
- General odour removal
- Removal of smoke
- Removal of air pollutants and contaminants

Construction

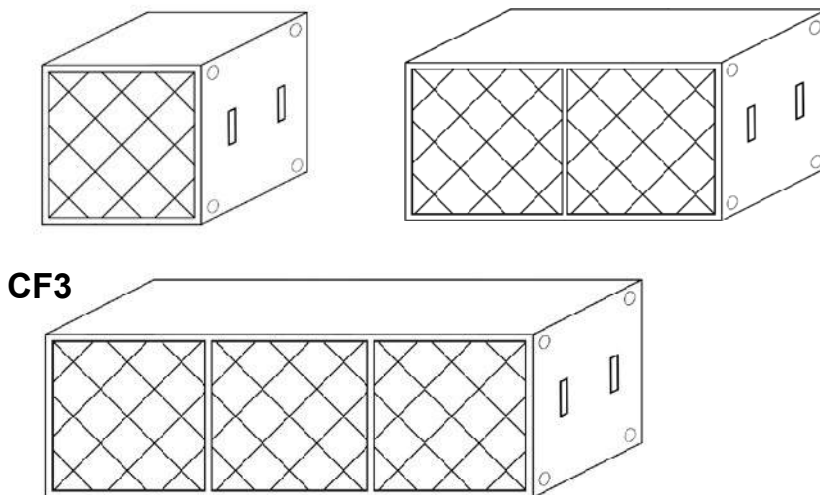
These modules are manufactured by mounting a series on carbon panel filters with a sealed case with the filtering surfaces arranged in a “V” formation. Each carbon panel is sealed into the filter case to ensure no air can bypass the carbon granules. The panels are manufactured using bonding techniques which hold the activated carbon granules together and covered in a carbon impregnated cloth to prevent leakage of granules or powder, remaining intact and rigid even if wet.

Main Features



- 1 ACK Carbon Cell Extraction System - Model CF2
- 2 Screw fasteners for quick and easy service access
- 3 Multi-layer filtration system with panel and cell filters
- 4 Attached handles for easy pull out and replacement

Specifications



| Model | Dimensions (W x D x H) |
|-------|------------------------|
| CF-1 | 700 x 850 x 660 mm |
| CF-2 | 1250 x 850 x 660 mm |
| CF-3 | 1850 x 850 x 660 mm |



Pre-filter

W600 x D100 x H600 mm



Carbon Filter Cell

W600 x D600 x H600 mm

Modules & Filter Grades

| Application | Module Capacity | Filter Grade |
|--|---------------------------|--------------|
| Normal kitchens and restaurants | 0.1 sec dwell time | 208 |
| Kitchens & restaurants cooking lots of fried foods | 0.2 secs dwell time | 208 |
| Kitchens & restaurants using lots of spices, garlic etc. | 0.2 – 0.4 secs dwell time | KI |