

# AIRCLEAN

YOUR AIR FILTER MANUFACTURER

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## Activated Carbon Filters—Panels

### Applications

The disposable activated carbon filter panel, can be sized and used in a wide variety of odour reduction applications. They can be fitted into duct mounted casings to provide the required contact time and airflow.

### Construction

The panels are generally manufactured using the bonding process to provide a rigid panel which is framed in a metal channel. The panel is finished in a "fabric facia" which minimises the dusting from the panel.

Panels can also be produced using a loose fill technique, whilst this offers an improved rate of adsorbancy, the activated capacity remains the same. The panels are designed to minimise the risk of by pass due to settlement, and for this reason their installation should be designed to be horizontal,



### Technical:

**Maximum Operating Temperature:** 40 Deg C  
**Maximum Operating Humidity** 80% RH

Nominal thickness	Actual thickness	Pressure drop	Face velocity m/s
25mm	22mm	45 Pa	0.22 (43fpm)
22mm	19mm	40 Pa	0.19(37fpm)

SIZE	Nominal Inches	SIZE	Actual mm
	12" x 12" x 1"		302 x 302 x 22mm
	15" x 15" x 1"		379 x 379 x 22mm
	18" x 18" x 1"		454 x 454 x 22mm
	20" x 20" x 1"		505 x 505 x 22mm
	24" x 24" x 1"		606 x 606 x 22mm

The company reserves the right to change specifications without notice. E&OE

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