

## Activated Carbon Filter

Irema manufactures air filters under the Atlantic Air Filter brand or your brand.

The disposable Activated Carbon Panel filters are fitted with Irema's activated carbon pleated polyester air filter material. This is a 155 gsm media combination that meets G4 filtration efficiency while the activated carbon enables the material to absorb odours, chemicals and gases.

The media is then housed in a moisture resistant cardboard frame. These properties make these pleated filters ideal for installation in air filtration systems where odour removal is required. Like all Atlantic Air Filters, they are available in custom sizes to your specification.

### Irema air filter benefits

- Customisable, non-standard sizes available quickly
- High quality
- Long-lasting
- Reduced maintenance costs
- Protects your people
- Saves energy
- Reduces the building's environmental impact



### Features

- Optimal separation capacity
- Low pressure drop
- Long life span
- Maximum dust containment
- Carbonated impregnated polyester
- No chemical binders
- Absorbs odours, chemicals and gases

### Specification

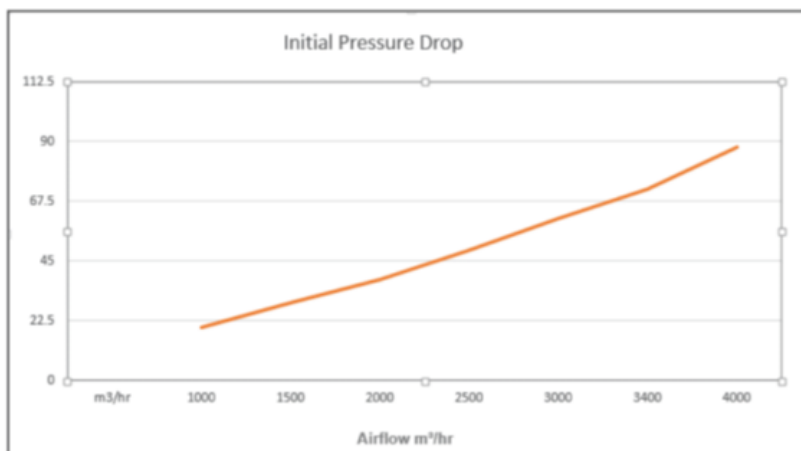
- Moisture resistant cardboard frame
- Pleat heights available: 22, 48, 98 mm (1", 2", 4")
- 100% polyester filter material impregnated with activated carbon
- Available in G4 grade
- Standard sizes:
  - 592 x 592mm
  - 287 x 287mm
  - 287 x 592mm

Kilmallock Business Park  
Kilmallock  
Co Limerick  
Ireland

email: [info@irema.ie](mailto:info@irema.ie)  
Tel: + 353 63 98544

## Finished filter in house finish test report

Product: Activated Carbon filter  
Size: 592mm x 592mm x 48mm



Air flow		Grade G4 Initial pressure drop
m3/hr	m3/min	Pa
1000	16.67	10
1600	26.67	20
2200	36.67	32
2800	46.67	50
3400	56.67	78
4000	66.67	103

### Applications

- Commercial & public buildings
- Manufacturing & industrial
- Food & beverage
- Life sciences & healthcare
- Data centres
- Power generation

*Tested to EN779 standard. These figures are typical results and do not constitute a specification.*

^ **Contact Sean Cooke**  
[scooke@irema.ie](mailto:scooke@irema.ie)

Kilmallock Business Park  
Kilmallock  
Co Limerick  
Ireland

email: [info@irema.ie](mailto:info@irema.ie)  
Tel: + 353 63 98544