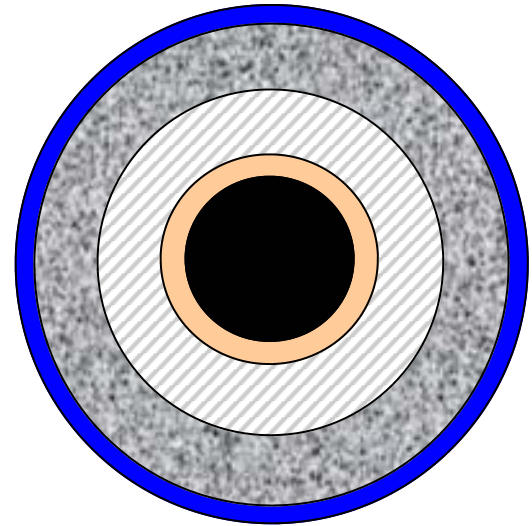


# NUCLEAR COMBINATION UNITS







Containment housings can be provided with separate or combination filter elements, providing Pre, HEPA and Carbon Filtration.

EMCEL can provide custom solutions to suit the removal of particulate contaminants and radioactive vapours for Nuclear applications. Stand Alone units can be provided to suit, or alternatively where larger flows or more efficient units are required, filter banks are supplied.



A typical construction for a combined element could be:

-  Casework; Painted Mild Steel or Stainless Steel
-  Carbon Section
-  HEPA Section
-  Internal Leaf Seal for plugging element on to unit integral spigot.

Performance data below is based on a current combination filter manufactured by EMCEL, however please do not hesitate to contact us with your specific requirements:

Airflow: 300 m<sup>3</sup>/hr  
Filter Size: 550 OD x 275 H  
HEPA: 99.997% BS3928 (0.6 micron average particle size)  
Carbon: 0.3 second dwell time  
Pressure Drop: Approx. 1000 Pa Initial  
Approx. 1500-2000 Pa Final

Housing: Two-Pack Epoxy Painted or Stainless Steel (304 / 316)  
Connections: Provided to suit  
Configuration: To Suit  
Extras include: Safe Change Facilities  
Pressure Gauges  
Stands  
Test Ports

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