Carbon filters are used to remove toxic gases, hazardous fumes, and odors. These filters are constructed from high quality carbon pellets and durable chemical-resistant cases.

Carbon filters trap gaseous pollutants through the process of adsorption wherein gas molecules adhere to the surface of the carbon granules. When a carbon is activated, its surface and adsorption site increases allowing it to adsorb more contaminants.

Once all adsorption sites have been filled, the carbon filter will reach its saturation point. This is a clear indication that the filter needs to be changed.

How to properly use a carbon filter?

The filter must have enough carbon by weight to ensure long filter life.

Carbon filters are used in airflow containment devices such as ductless fume hood and storage cabinets. It is vital that these equipment have the right airflow to guarantee operator protection.

Follow filter replacement recommendations. Carbon filters may become saturated over time and will not be effective in removing contaminants. Change the filters according to the manufacturer's guidelines.

Store filters properly. The shelf life of a properly stored carbon filter is estimated to 3-5 years. In order to preserve the carbon filter, make sure to do the following:

- Keep filters in original container
- Keep filters away from humidity
- Store in a clean environment (away from dust and pests)
- Keep away from direct sunlight

For more information, watch the video: https://youtu.be/N_Z-WxXM2ks

Esco GB Ltd – UK
Unit 2 R-Evolution @ Gateway 36, Kestrel Way, Barnsley, S70 5SZ
Tel: +44 (0) 1226 360799 • Email: egb.info@escoglobal.com • Website: www.escopharma.com
Esco Global Offices: Bangladesh | Cameroon | China | Denmark | Germany | Hong Kong | Indonesia | Italy | Lithuania | Malaysia | Myanmar | Philippines | Russia | Singapore | South Africa | South Korea | Taiwan | Thailand | UAE | UK | USA | Vietnam