

Free Carbon Testing Service

It is extremely difficult to calculate in advance the life expectancy of an activated carbon filter.

Generally speaking, accurate information regarding concentration and details of all contaminants in the air stream are not available and in any case these are often constantly changing.

However, reasonably accurate life expectancy levels can be obtained by a method known as CTC testing.

Either a small sample of carbon from one of the cells, or a complete panel, should be returned to us together with the date of installation. From this information the contamination level will be assessed in the laboratory, which will indicate the likely remaining useful life of the carbon.

This testing service is totally free of charge to our customers.

Carbon Filter Life Test Cell

Applications

For those occasions when it is not possible to return a carbon sample back to Airclean for the free CTC test the Carbon Test Cell offers a simple method of testing the life expectancy of a carbon filter in situ.

After a pre determined period of time (1-2 months), the cell can be removed from its frame, and returned to Airclean for a free CTC test and report.

Description

The holding frame is made from folded galvanized steel, and is approximately 150mm square x 25mm Deep. The Activated Carbon Panel is manufactured from Grade 50 Activated Carbon and comes complete with a frame for ease of removal.

This Carbon Cell and holding frame can be easily installed using self tapping screws into the duct run between the pre filters the Activated Carbon Filters.

Technical

Max Operating Temperature: 40 Degrees Centigrade

Max Operating Humidity: 80% RH

Results are an estimation / guideline only, and are only available for bonded and loose fill carbon cells.

