

Halogens Breakthrough Indicator With Auxiliary Filter Trap Halogens BTI AFT (PN: 660)

Manual



Unexposed



Exposed
Change carbon filter



1. Application

The Halogens BTI AFT (PN: 660) is a qualitative (yes/no) colorimetric indicator for real-time indication of halogens. The indicator is equipped with an auxiliary filter trap to ensure no halogens escapes to the outside environment while the indicator is changing color.

2. Specifications

- | | |
|----------------------------------|---|
| a. Weight: | 118g (4.2oz) |
| b. Dimensions: | |
| Breakthrough indicator (Part A): | 89.9mm (3.5in), diameter 24.5mm (1.0in) |
| Auxiliary filter trap (Part B): | 41mm (1.6in), diameter 81mm (3.2in) |
| c. Inlet dimensions: | ¾" MNPT |
| d. Operating temperature: | -20°C to 65°C (-4°F to 149°F) |
| e. Operating humidity: | 5% RH to 95%RH |
| f. Minimum detectable limit: | 0.5ppm-hr at 30 cm/sec face velocity |
| g. Color change: | Yellow to red or purple |
| h. Storage temperature: | 4°C to 25°C (39°F to 77°F) |
| i. Shelf life: | 1 year at 4°C to 25°C (39°F to 77°F) |
| j. Service life: | 1 year. |

Cross interferences: Hydrogen chloride & hydrochloric acid vapors at concentrations greater than 0.5 ppm impair the performance of the halogen's breakthrough indicator. Halogens concentrations greater than 50 ppm for extended period of time bleaches the halogen indicator. No other interferences are known.

3. Instructions

- Ensure that packaging pouch is intact.
- Open packaging pouch by tearing off the top part from one of the side notches.
- Remove the breakthrough indicator (Part A), Figure 1, and the auxiliary filter trap (part B), Figure 2, from the packaging pouch.
- Screw the breakthrough indicator (Part A), Figure 1 into the auxiliary filter trap (part B), Figure 2 as shown in Figure 3.
- Remove the protective red plugs to activate the breakthrough indicator.
- Screw in the breakthrough Indicator into the ¾" threaded carbon absorber outlet lid. Teflon tap can be used on threads to ensure proper seal.



Caution: Only hand tighten indicator into carbon absorber

- Formation of red or purple color indicates the presence of halogens.



Figure 1



Figure 2



Figure 3

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