

# GTODC-BH Ozone Destruction Filter

## PRODUCT DESCRIPTIONS

GTODC-BH filter is made of activated carbon mesh filled with ozone decomposition catalyst. The size of the ozone filter can be customized according to needs, and the installation is convenient and flexible, mainly for the purification of low-concentration ozone emissions. It can quickly catalyze and decompose ozone into non-toxic oxygen at room temperature.

## PRODUCT FEATURES

### ▶ Easy Installed

GTODC-BH filter uses activated carbon mesh to wrap the GTODC-GC catalyst to form a monolithic honeycomb structure, which is easy to install and suitable for use in air purifiers.

### ▶ Firm Surface Coating

The carrier with high specific surface area is loaded with highly dispersed nano active sites, the catalytic decomposition efficiency of ozone is higher, and the ozone is instantly converted into oxygen at room temperature.

### ▶ High Catalytic Activity

The catalyst adopts a composite multi-element catalyst system. After years of technical research and use verification, the catalyst has high catalytic activity and high stability.

### ▶ High Moisture Resistance

The coating of the ozone catalyst adopts rare earth composite oxide with high catalytic activity, which has a stable structure and can resist high humidity.



## TECHNICAL SPECIFICATIONS

<b>Catalyst Appearance</b>	Black honeycomb flake
<b>Product size</b>	Customization (Thickness 10-50mm)
<b>Body Material</b>	Activated carbon filter shell, filled with GTODC-GC catalyst
<b>Coating Material</b>	None
<b>Bulk Density</b>	300-500 kg/m <sup>3</sup>
<b>Specific Surface Area</b>	≥800 m <sup>2</sup> /g
<b>Suitable O<sub>3</sub> Concentration</b>	≤500 ppm
<b>Applicable Humidity</b>	≤90%
<b>Applicable Airspeed</b>	10,000-50,000 h-1
<b>Working Temperature</b>	≥70 °F
<b>Purification efficiency</b>	95-99.9%
<b>Purification Depth</b>	0.01 ppm
<b>Service Life</b>	1-3 year
<b>Product Packaging</b>	Carton