

GTODC-BS Ozone Destruct Catalyst

PRODUCT DESCRIPTIONS

GTODC-BS uses sheet honeycomb aluminum alloy as the carrier and nano-composite metal oxide as the catalytically active component. The size of the catalyst can be customized according to customer requirements, the thickness is between 10-50mm, and the length and width are up to 1000mm. The catalyst is mainly aimed at the purification of low-concentration ozone emissions.

PRODUCT FEATURES

▶ Aluminium Alloy Supports

GTODC-BS catalyst uses aluminum alloy as the carrier and is made into a monolithic honeycomb structure, which is easy to install and suitable for use in air purifier equipment.

▶ Customizable Size

The size of the catalyst can be customized according to customer requirements, the thickness is between 10-50mm, and the length and width are up to 1000mm.

▶ 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

Catalyst Appearance	Black honeycomb flake
Product size	Customization (Thickness 10-50mm; Length≤1000mm)
Body Material	Aluminium alloy
Coating Material	Nano composite metal oxide
Bulk Density	200-500 kg/m ³
Specific Surface Area	≥500 m ² /g
Suitable O₃ Concentration	≤50 ppm
Applicable Humidity	≤90%
Applicable Airspeed	10,000-50,000 h-1
Working Temperature	≥70 °F
Purification efficiency	80-99.9%
Purification Depth	0.1 ppm
Service Life	1-3 year
Product Packaging	Carton