

Functional Honeycomb Activated Carbon Block

Our self-developed **Functional Honeycomb Activated Carbon Block** achieves a breakthrough in air purification efficiency by optimizing formulas, advanced activation processes, and functional coating technology. It delivers exceptional performance in **formaldehyde, VOCs and odours removal**.

Honeycomb Structure × Functional Upgrade: Dual Advantages

The natural 3D structure of honeycomb activated carbon provides the following advantages:

- **Ultra-Large Effective Surface Area:** Maximizes adsorption efficiency per unit volume
- **Low Airflow Resistance:** Smooth ventilation for various wind-speed environments
- **Robust Structure:** High compressive strength ensures long-term stability
- **Modular Customization:** Flexible adaptation to diverse purification systems

With enhanced activation and functional coating, our product leads the industry in pollutant treatment capabilities.

Specifications & Performance Data

We offer three main models to meet different indoor air purification needs:

Model	Dimensions (mm)	Formaldehyde Removal Capacity (mg)	Coverage Area (m²)	Test Result (3m³ Chamber)
FHAC-F-70T	70×70×40	>100	≤10	>90% removal in 30 min
FHAC-F-100S	100×100×40	>150	≤20	>90% removal in 30 min
FHAC-F-105T	105×105×50	>250	≤30	>90% removal in 30 min

Note*: Coconut shell activated carbon typically has a formaldehyde capacity of <0.1 mg/g. Our product outperforms by over 100x, leading the industry.

Partnerships & Applications

Our product is used in air purifiers and filter systems of renowned brands, including:

- **Xiaomi, Huawei, 352** flagship models (e.g., Mi Ultra, IAM X5/X8, 352 Z90/Z120)
- Customized filter series by **Apollo, Xuesheng, etc.**

Recognized for its reliability and performance, our product is the preferred choice for high-end air purification solutions.

Product Illustrations:

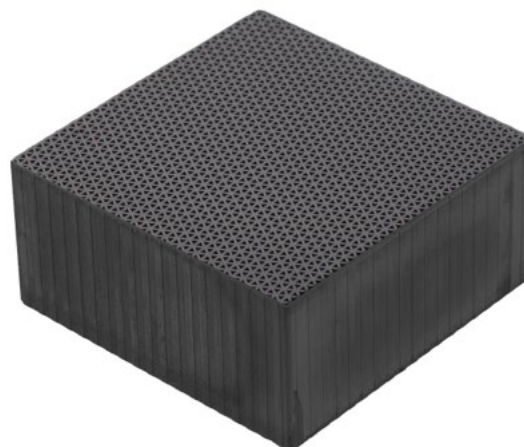
FHAC-F-70T



FHAC-F-100S



FHAC-F-105T



功能型蜂窝活性炭模块

我们自主研发的功能型蜂窝活性炭模块，在传统蜂窝碳结构的基础上，通过**配方优化、深度活化及功能助剂改性技术**，实现了空气净化能力的飞跃式提升，特别在**甲, VOCs 和异味去除**方面表现卓越。

蜂窝结构 × 功能升级：双重优势

蜂窝活性炭具备天然的三维通孔结构，拥有以下显著优势：

- **超大有效接触面积**：显著提升单位体积吸附效率
- **气流阻力小**：通气顺畅，适用于各种风速环境
- **结构稳固**：抗压强度高，适合长期稳定运行
- **可定制模块化组合**：灵活适配不同净化系统需求

在此基础上，我们的产品通过改进活化工序与功能涂层处理，使其在污染物处理能力上达到行业领先水平。

规格与性能数据：

我们目前提供三种主力规格，分别适配不同室内空间的空气净化需求：

产品型号	产品尺寸	甲醛处理能力	适用空间	测试结果（3m³标准舱）
FHAC-F-70T	70×70×40 mm	>100 mg	≤ 10 m²	30 分钟去除率 > 90%
FHAC-F-100S	100×100×40 mm	>150 mg	≤ 20 m²	30 分钟去除率 > 90%
FHAC-F-105T	105×105×50 mm	>250 mg	≤ 30 m²	30 分钟去除率 > 90%

注：椰壳活性炭的甲醛处理量一般< 0.1 mg/g，我们产品的处理能力提升超百倍以上，为行业领先水平。

品牌合作与市场应用：

我们的功能型蜂窝活性炭块已被应用于多个知名空气净化品牌和滤网系统中，包括：

- **小米、华为、352** 等智能空气净化器旗舰型号 (米家 Ultra；IAM X5/X8, 352 Z90/Z120)
- **阿波罗、雪圣** 等定制化滤网产品系列。

凭借出色的性能与可靠的品质，我们的产品持续获得行业客户高度认可，是高端空气净化设备的首选材料。

产品图示：

FHAC-F-70T



FHAC-F-100S



FHAC-F-105T

