



# Bioclimatic Air Systems

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## PRODUCT DATA

### GAS FILTRATION MEDIA

#### Bioclimatic BIO-CARB 200

BC-200 is a premium gas-phase and extruded wood based activated carbon. The high activity, exceptional hardness, low flow resistance, and low density make this carbon a superior and cost effective adsorbent for applications in odor control, as a catalyst, and a variety of industrial and commercial vapor phase purification and separation applications.

#### SPECIFICATIONS:

Carbon Tetrachloride	75% Min.
Hardness (ASTM)	95% Min.
Ash	9% Max.
Thermal Stability	UL 900 Listed Class 2
Particle Size Distribution –6 mesh	5% Max.

#### TYPICAL PROPERTIES: <sup>1</sup>

Apparent Density (ASTM)	0.38 g/cc
Bulk Density	24 lb/ft. <sup>3</sup> Avg.
Hardness (ASTM)	99% Avg.
Surface Area	1100 –1300 m <sup>3</sup> /g
Dust Attrition Coefficient	0.3 mg/min.
Initial Dust	6.0 mg
Iodine Number	1000 mg/g
Shape	cylindrical pellet
Nominal Pellet Diameter	4.0 mm
Resistance @ 100 fpm	0.15 in. WC/in. of bed
Resistance @ 0.5 m/s	37 Pa/25 mm bed

#### Notes:

1. Typical Properties are general information only and shall not be construed as product specifications.
2. Nitrogen BET Method

#### PACKAGING

BC-200 is available in 1 cu. ft. corrugated cartons and 7 cu. ft. plastic lined drums. Unless otherwise specified, BC-200 is supplied in 1 cu. ft. corrugated cartons.

#### SAFETY PRECAUTIONS

Always refer to the Material Safety Data Sheet for detailed information on safety.