



## Wastewater

# Granular Activated Carbon - GAC 8x30

### Filtration Media

CETCO's GAC 8x30 is a granular reactivated carbon made from select grades of bituminous coal. The activation process develops pores of molecular dimensions within the carbon particle giving the GAC extremely high internal porosity and surface area.

### Application

Liquid phase applications where high surface area is needed for maximum adsorption

### Features & Benefits

- Porous material manufactured from carbonaceous raw materials
- Meets ANSI/AWWA B-604 standards
- Suitable for hydraulic transfers and multiple thermal reactivation cycles
- Surface areas are in the range of 500 – 2,000 m<sup>2</sup>/g

## Technical Specifications

Properties	Value	Testing Method
Abrasion Number (min)	75	ASTM D3802
Moisture as Packed (max)	5%	ASTM D2867
Apparent Density (lbs./ ft <sup>3</sup> )	31	ASTM D2854
Backwashed Apparent Density (lbs./ ft <sup>3</sup> )	27	ASTM D2B54
Mesh Size	8 x 30	U.S. Sieve
greater than 8 mesh (max)	5%	
less than 30 mesh (max)	5%	
Typical Surface Area (m <sup>2</sup> /g)	1,050	BET N2
Ash Content (max)	12%	ASTM D2866
Iodine Number (mg/g)	900	AWWA B604

