



Description

Carbsorb™ 30 and Carbsorb™ 40 are cost-effective bituminous coal-based granular activated carbons offered by Calgon Carbon Corporation for liquid phase applications.

Features

- Adsorption capacity allows for effective removal of organic contaminants, taste, and odor
- Bituminous coal base produces a product with high hardness ensuring excellent resistance to abrasion
- Product mesh size allows for limited pressure drop

Applications

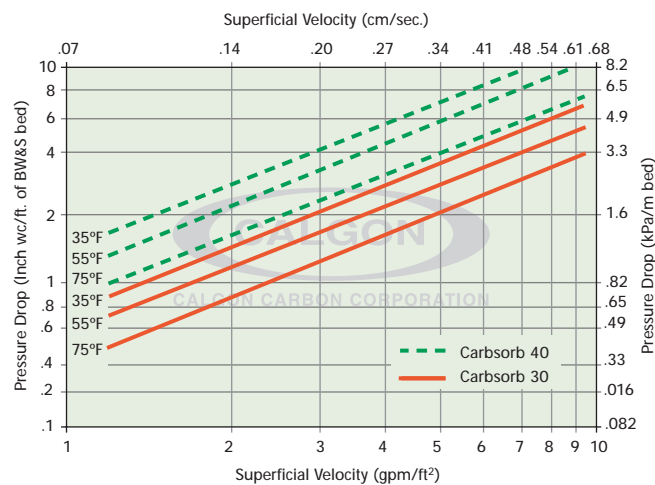
- Groundwater remediation
- Home water filtration
- Other industrial applications where removal of organics is required

Design Information

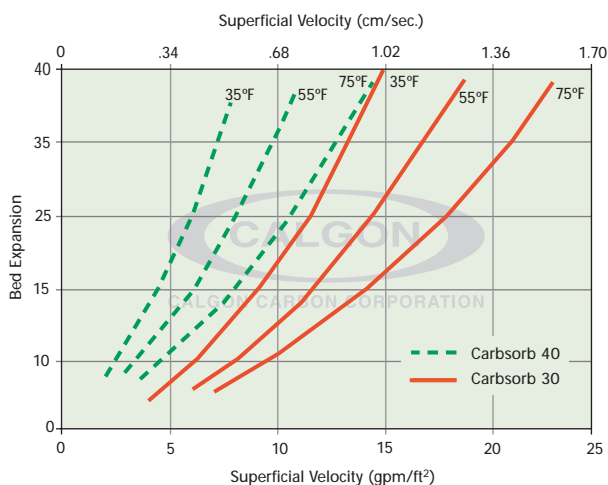
Granular activated carbon treatment systems are custom designed according to the nature of the stream to be treated. The following are typical design parameters for Carbsorb™ 30 and Carbsorb™ 40 for organics removal:

- Surface loading rate 2–6 gpm/ft²
- Backwash bed expansion 20%

Typical Downflow Pressure Drop Curve
Backwashed and Segregated Bed



Typical Bed Expansion
Backwashed and Segregated Bed



Specifications

	Carbsorb™ 30	Carbsorb™ 40
Iodine Number	900 mg/g (min)	1,000 mg/g (min)
Moisture, as packed by weight	2% (max)	2% (max)
Hardness Number	90 (min)	90 (min)
Ash by weight	14% (max)	14% (max)
Screen Size by weight, U.S. Sieve Series		
	On 8 mesh 15% (max)	On 12 mesh 5% (max)
	Through 30 mesh 4% (max)	Through 40 mesh 4% (max)



Safety Message

Wet activated carbon preferentially removes oxygen from air. In closed or partially closed containers and vessels, oxygen depletion may reach hazardous levels. If workers are to enter a vessel containing carbon, appropriate sampling and work procedures for potentially low oxygen spaces should be followed, including all applicable Federal and State requirements.

Packaging

1 ft³ poly bags (27.5 lbs.)

2 ft³ poly bags (55 lbs.)

1,100 lb. super sacks

Bulk tanker trucks

Limitations of Liability

The Supplier's liability and the Purchaser's exclusive remedy for any cause of action arising out of this transaction, including, but not limited to, breach of warranty, negligence and/or indemnification, is expressly limited to a maximum of the purchase price of spare parts or equipment sold hereunder. All claims of whatsoever nature shall be deemed waived unless made in writing within forty-five (45) days of the occurrence giving rise to the claim. In no event shall the Supplier, for any reason or pursuant to any provision of the warranty, be liable for incidental or consequential damages or damages in excess of the purchase price, nor shall the Supplier be liable for loss of profits or fines imposed by governmental agencies.



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