

PURAQUA™ CNB 1000

Granular Coconut Shell Based Activated Carbon

Manufactured by steam activation technology, PURAQUA™ CNB 1000 is a high performance granular activated carbon made from specially selected coconut shell based charcoal. High mechanical hardness of PURAQUA™ CNB 1000 makes it suitable for high flow rate applications. Its high surface area ensures superior adsorption of low molecular weight organic compounds. It is ideally suitable for removal of Chlorine and Ozone from drinking water.

APPLICATIONS

Point of Use (POU) and Point of Entry (POE) applications
 Residential water treatment systems
 Municipal water treatment systems
 Chlorine removal
 Air and Gas Treatment

FEATURES

High level of micro porosity
 Excellent hardness
 Low ash content
 High adsorption capacity
 Low dust and turbidity

PARTICLE SIZE

3x6 mesh (6.00—3.35 mm)
 8x16 mesh (1.18—2.36 mm)
 8x30 mesh (0.60—2.36 mm)
 12x40 mesh (0.425 - 1.70 mm)
 Other particle sizes available

PACKAGING

25 Kg / 55 Lb Bag
 500 Kg / 1100 Lb Jumbo Bag
 1 Cubic feet Bag
 Customized packing available

SPECIFICATIONS	
Iodine Number (mg/g) (Min.)	1000
Carbon Tetrachloride Adsorption (%) (Min.)	50
Density (Gm/Liter)	500 - 550
Total Ash Content (%) (Max.)	5
Hardness (%) (Min.)	98
pH	9 - 11
Moisture Content (%) (Max.)	5
Oversize (%) (Max.)	5
Undersize (%) (Max.)	5

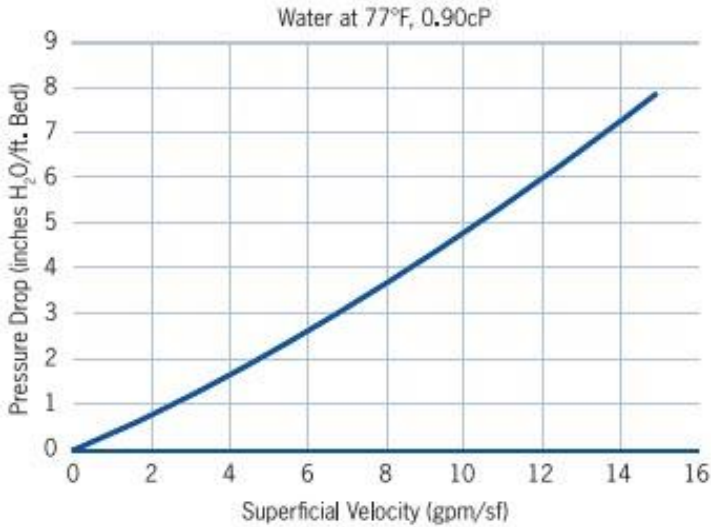


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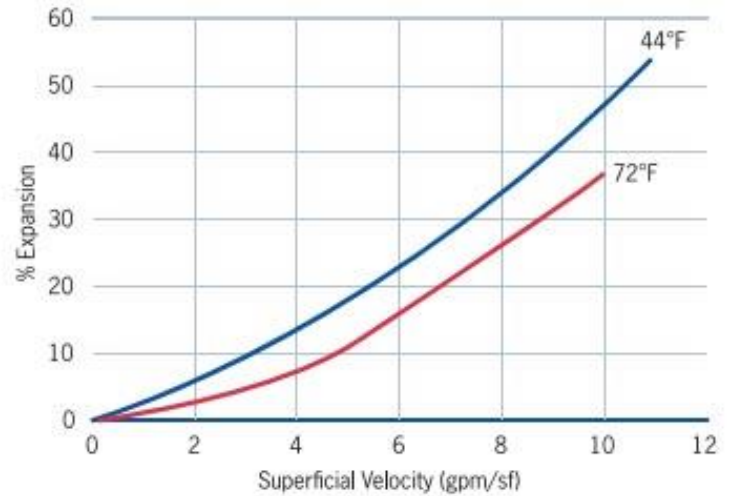
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Typical Pressure Drop (8x30 Mesh)

Based on a backwashed and segregated bed

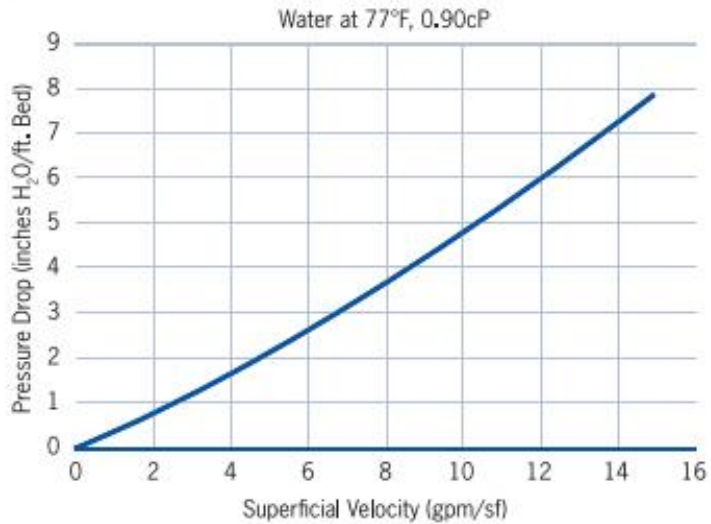


Typical Bed Expansion during Backwash (8x30 Mesh)



Typical Pressure Drop (12x40 Mesh)

Based on a backwashed and segregated bed



Typical Bed Expansion during Backwash (12x40 Mesh)

