

# PENTEK® CFBC SERIES

## MODIFIED MOLDED CARBON BLOCK CARTRIDGES

SEDIMENT FILTRATION AND CHLORINE TASTE & ODOR REDUCTION IN A SINGLE CARTRIDGE



Features Fibredyne™ technology

Pentair® Pentek® CFBC Series Cartridges offer the effective chlorine taste & odor reduction found in traditional carbon block media while providing superior sediment reduction with resistance to premature plugging. They are highly effective at reducing chlorine taste & odor, bad taste and odor, as well as other contaminants.\*

CFBC Series products are modified molded blocks manufactured using our proprietary Fibredyne™ technology. This technology creates a unique filter media by attaching powdered activated carbon onto a cellulose-free synthetic fiber matrix. The result is a single cartridge that combines the benefits of both a sediment filter and a carbon block into a single cartridge.

Benefits of this technology include low pressure drop over the entire life of the cartridge and up to three times the chlorine taste & odor and dirt holding capacity of traditional carbon blocks.\* In addition, Fibredyne technology will not release fines into the effluent stream due to a unique post-filtration layer that is fused to the carbon/fiber media blend.

CFBC Series Cartridges are an ideal choice for a wide range of residential, food service, commercial and industrial applications.

### FEATURES/BENEFITS

Reduces particles as small as 0.5 micron in size by mechanical means\*

Reduces cysts such as Cryptosporidium and Giardia by mechanical means\*

Premium dirt holding capacity\*

High chlorine taste & odor and bad taste and odor reduction\*

### SPECIFICATIONS

Filter Media – Bonded PAC

Endcaps – Polypropylene

Netting – Polyethylene

Gaskets – Santoprene

Temperature Rating - 40-180°F (4.4-82.2°C)



Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.

\*Based on manufacturer's internal testing  
EPA EST. NO. 086074-NH-001

## SPECIFICATIONS AND PERFORMANCE

MODEL #	PART #	MAXIMUM DIMENSIONS	RATING (NOMINAL)*	INITIAL ΔP (PSI) @ FLOW RATE (GPM)*	CHLORINE TASTE & ODOR REDUCTION @ FLOW RATE (GPM)*
CFBC-10	255679-43	2.88" x 9.75" (73 mm x 248 mm)	0.5 micron	10.7 psi @ 1 gpm (0.74 bar @ 3.8 Lpm)	>20,000 gallons @ 1 gpm (75,708 L @ 3.8 Lpm)
CFBC-20	255680-43	2.88" x 20.00" (73 mm x 508 mm)	0.5 micron	10.7 psi @ 2 gpm (0.74 bar @ 7.6 Lpm)	>40,000 gallons @ 2 gpm (151,416L @ 7.6 Lpm)

\*Based on manufacturer's internal testing.

NOTES: Performance capacity depends on system design, flow rate and certain other application conditions. Cartridges may contain a very small amount of carbon fines (very fine black powder). After installation, follow the instructions for flushing the cartridge to remove the fines before using the water. You should flush the tap at least 20 seconds prior to using water for drinking or cooking purposes. This is particularly important if the tap has not been used daily. Micron ratings based on 85% or greater removal of given particle size. Estimated capacity using 2 ppm free available chlorine at 0.5 ppm breakthrough. Giardia, Cryptosporidium, Entamoeba and Toxoplasma cyst claim based on tests showing greater than 99.95% reduction using NSF Standard 53 protocol.

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.



### FILTRATION & PROCESS

5730 NORTH GLEN PARK ROAD, MILWAUKEE, WI 53209  
 P: 262.238.4400 | F: 262.238.4404 | WWW.PENTAIRAQUA.COM | CUSTOMER CARE: 800.279.9404

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