PENTAIR

CARBON BLOCK FILTER CARTRIDGES

WCB AND WLC-R SERIES

GENERAL FEATURES/BENEFITS

♦ Highly effective at reducing unwanted bad taste and odor, and chlorine taste & odor, from potable drinking water*

♦ Ideal choice for a wide range of drinking water applications

♦ Provide premium filtration reduction for applications with high-capacity requirements

♦ Enhanced dirt-holding capacity*

♦ Manufactured using a powdered activated carbon (PAC), with a specially designed adsorbent media

♦ Protected by a uniquely formulated polyolefin prefilter wrap, designed to significantly increase the life of the cartridge by trapping sediment that typically plugs carbon block cartridges

♦ Compatible with all Pentair housings

♦ Reduce particles down to 0.5 microns

♦ For use on chlorinated and non-chlorinated drinking water supplies

WCB SERIES CARTRIDGES

♦ Excellent polishing filters or pre-filters in applications requiring fine filtration and high capacity

WLC-R SERIES CARTRIDGES

♦ Premium high-capacity chlorine taste and odor reduction exceeding 20,000 gallons*

♦ Include a built-in flow restrictor (0.6 gpm) to allow for maximum contact time

* Based on manufacturer's internal testing.

NSF®
COMPONENT

The W.5CB , W.5CBHD, WLC-R are Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.

SPECIFICATIONS AND PERFORMANCE

Filter Media
Bonded PAC Carbon Block

Seal Type
Santoprene

Temperature Rating
WLC-R   40–165°F (4.4–74.7°C)
WCB Series   40–180°F (4.4–82.2°C)

MODEL #	PART #	MAXIMUM DIMENSIONS	MICRON RATING	INITIAL ΔP (PSI) @ FLOW RATE (GPM)**	CHLORINE TASTE & ODOR REDUCTION @ FLOW RATE (GPM)**	APPLICATION	HOUSING SIZE
W.5CB478	155169-51	2.88" x 4.88" (73 mm x 124 mm)	0.5	7 psi @ 1.0 gpm (0.48 bar @ 3.8 Lpm)	3,000 gallons @ 1.0 gpm (11,356 L @ 3.8 Lpm)	UNDERSINK	5" Slim Line®
W.5CB	155162-51	2.88" x 9.75" (73 mm x 248 mm)	0.5	20 psi @ 1.0 gpm (1.38 bar @ 3.8 Lpm)	20,000 gallons @ 1.0 gpm (75,708 L @ 3.8 Lpm)	UNDERSINK	10" Standard and Slim Line
W.5CBHD	155170-51	4.625" x 9.75" (118 mm x 248 mm)	0.5	17 psi @ 2.0 gpm (1.17 bar @ 7.6 Lpm)	50,000 gallons @ 2.0 gpm (189,270 L @ 7.6 Lpm)	WHOLE HOUSE	10" Big Blue®, Heavy-Duty
WLC-R	155268-51	2.88" x 9.75" (73 mm x 248 mm)	0.5	Flow restricted to 0.6 gpm (2.3 Lpm) with internal Flow Restrictor	20,000 gallons @ 0.6 gpm (75,708 L @ 3.8 Lpm)	UNDERSINK	10" Standard and Slim Line

**Based on manufacturer's internal testing. Not Tested or Certified by NSF

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.

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

PENTAIR

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