

## Engineering Specification

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# Series PWCB

## Premium Carbon Block Filter Cartridges



**WATTS®**  
pure water

**Flow Rates: Up to 4 gpm (15 lpm)**

**Thick wall carbon construction for superior performance**

Top-of-the-line coconut shell Carbon Block filter cartridge for chlorine taste, odor and sediment reduction.

### Features

- Superior chlorine reduction
- Low-pressure drop
- Will not channel
- Cost savings
- 100% coconut shell carbon
- FDA grade components and materials
- Solid Block Activated Carbon for long life

### Temperature

Operating temperature: 40°F to 165°F (4.4°C to 73.8°C)



PWCB

### Recommended Flow Rate

MODEL NO.	OD		LENGTH		FLOW RATE	
	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>gpm</i>	<i>lpm</i>
PWCB5P**	2½"	64	5"	127	1	3.7
PWCB10P	2½"	64	9¾"	248	1	3.7
PWCB20P	2½"	64	20"	508	2	7.6
PWCB10FFP	4½"	114	9¾"	248	4	15.1
PWCB20FFP	4½"	114	20"	508	8	30.3

### Dimensions

MODEL NO.	TYPE	OD		LENGTH		MICRON RATING	CHLORINE REDUCTION*	NO. / CASE
		<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>			
PWCB5P**	Thick Wall	2½"	64	5"	127	5 nominal	>3,000 Gal @ 1 gpm	6
PWCB10P*	Thick Wall	2½"	73	9¾"	248	5 nominal	>6,000 Gal @ 1 gpm	12
PWCB20P*	Thick Wall	2½"	73	20"	508	5 nominal	>12,000 Gal @ 2 gpm	6
PWCB10FFP*	Thick Wall	4½"	117	9¾"	248	5 nominal	>20,000 Gal @ 2 gpm	4
PWCB20FFP*	Thick Wall	4½"	117	20"	508	5 nominal	>40,000 Gal @ 4 gpm	4

\*Estimated capacity using 2ppm free chlorine with greater than 90% reduction.

\*Filters comply with NSF/ANSI 42 material requirements. Not tested or certified by NSF or WQA.

\*\*5" Carbon Blocks are sold as a 2-Packs.

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



**WATTS®**

# VOC, LCV Carbon Block and Lead Out Filters

## Volatile Organic Compounds (VOC)

This VOC filter is capable of reducing harmful VOCs such as MTBE's, lindane, atrazine, benzene, 2, 4-D, and others from your drinking water (See performance data sheet for a complete list of VOCs).

It is estimated that VOC's are present in one-fifth of the nation's water supplies. These water contaminants can enter ground water from a variety of sources including localized use of herbicides and pesticides, gasoline or oil spills, leaking underground fuel tanks, septic system cleaners, and chemicals used in the dry-cleaning industry.

## LCV (Lead, Cysts, VOC)

Carbon Block Filter Cartridges are specially formulated and independently tested and verified for the reduction of lead, cryptosporidium, giardia and entamoeba, as well as volatile organic chemicals (VOC's). In addition to the reduction of chlorine taste and odor, sediment, dirt, rust and particles. Filters down to 1 micron. Perfect application for campers and RV units, also can be easily installed in your standard 10 inch filter bowl.

## Lead Out

Independently tested and verified for the reduction of lead, chlorine taste and odor, reduces sand, silt, sediment and rust. Filter uses unique Lead Out Filtration Media. Filters down to 1 micron. Perfect product for campers and RV units, also can be easily installed in your standard 10 inch filter bowl.



PWCB10VOC



PWCB10LCV



PWCB10LED

## Dimensions

MODEL NO.	ORDERING CODE	OD		LENGTH		MICRON RATING	CHLORINE REDUCTION *	LEAD REDUCTION *	VOC CAPACITY *	NO./ CASE
		in.	mm	in.	mm					
PWCB10VOC	7100450	2 3/4"	70	9 3/4"	248	1 Nominal	25,000 gallons @ 2 gpm	N/A	1,200 gallons @ 0.5 gpm	12
PWCB10LCV	7100451	2 3/4"	70	9 3/4"	248	1 Nominal	25,000 gallons @ 1 gpm	1,500 gallons @ 0.5 gpm	N/A	12
PWCB10LED	7100452	2 1/2"	70	9 7/8"	249	1 Nominal	6,500 gallons @ 0.75 gpm	2,500 gallons @ 0.75 gpm	N/A	12

Performance claims are based on independent lab results and manufacturer's internal test data. Actual performance is dependent on influent water quality, flow rates, system design and applications. Your results may vary. Micron ratings based on 85% or greater removal of a given particle size.

\*Estimated capacity using 2ppm free chlorine with greater than 90% reduction.

## For Residential Point Of Use Only



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