

CB MICRO-CARBON® II Series Filter Cartridges

High Efficiency Carbon Block Filtration

- Economical Alternative to Granular Activated Carbon Cartridges
- FDA Listed Materials Make this a Suitable Filter for Food Service Applications
- High Porosity Design Maximizes Utilization of Carbon to Prevent Premature Plugging
- Proprietary Manufacturing Process Yields a Filter with Greater Dirt Holding Capacity
- DOE End Configuration
- Absorbs Oil Vapor

Typical Performance Specifications

Filter Grade¹:

5 µm

Initial Δ P (psi) @ Flow Rate (gpm):

9 ¾" (24.8 cm)/10" (25.4 cm): 0.95 psid (.07 bar)
@ 1 gpm (3.8 lpm)
20" (50.8 cm): 0.85 psid (.06 bar)
@ 2 gpm (7.6 lpm)

Chlorine Reduction @ Flow Rate (gpm)²:

9 ¾" (24.8 cm)/10" (25.4 cm): >6,000 gallons (22,713 l)
@ 1 gpm (3.8 lpm)
20" (50.8 cm): >12,000 gallons (45,425 l)
@ 2 gpm (7.6 lpm)

Maximum Operating Temperature:

180°F (82.2°C)

FDA Listed Materials:

All polymeric materials are listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

Product Specifications

Materials of Construction:

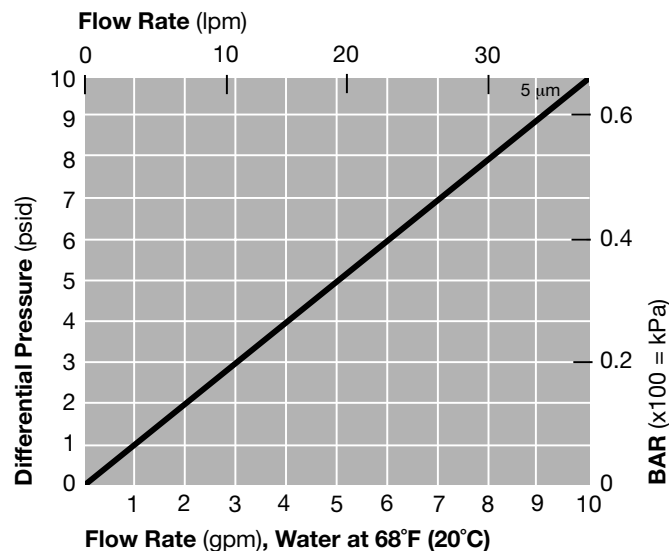
Filter Media: Bonded Porous Activated Carbon
With Polyethylene Binders³
End Caps: Polypropylene
Inner/Outer Wraps: Polypropylene
Netting: Polyethylene
Gaskets: Buna N

Dimensions (nominal):

Outside Diameter: 2 7/16" (6.9 cm)
Inner Diameter: 1" (2.5 cm)
Lengths: 9 ¾" (24.8 cm), 10" (25.4 cm),
20" (50.8 cm), 30" (76.2 cm)



Liquid Flow Rate vs. Differential Pressure



Flow rate is per 10" (25.4 cm) cartridge. For liquids other than water, multiply differential pressure by fluid viscosity (cP).

¹ - Micron rating based on 85% or greater removal of a given particle size.

Data obtained from actual particle counts using AC Fine Test Dust.

² - Chlorine reduction data is for 2 ppm free chlorine to <0.5 ppm.

³ - Take binders into consideration when determining chemical compatibility.

Applications

| | Organics | Taste, Odor, Color | Chlorine | Particulate Removal |
|-------------------|----------|--------------------|----------|---------------------|
| Water: | | | | |
| Drinking | ✓ | ✓ | ✓ | ✓ |
| Bottle Washing | ✓ | ✓ | ✓ | ✓ |
| Rinse Water | ✓ | ✓ | ✓ | ✓ |
| Single Pass | ✓ | ✓ | ✓ | ✓ |
| Recirculating | | | | Use Pre-filter |
| Chemicals: | | | | |
| Single Pass | ✓ | ✓ | | ✓ |
| Recirculating | | | | Use Pre-filter |

WARNING:

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

NOTE:

These cartridges contain a very small amount of carbon fines (very fine black powder). After installation, flush the cartridge for a minimum of 5 minutes to remove all traces of the fines before using the water. You should run (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.

CAUTION:

Filter must be protected against freezing, which can cause cracking of the filter and water leakage.

Part Numbers/Ordering Information

C ● P – CB5 (e.g., C20P–CB5)

| Code ● | Cartridge Lengths (nominal) |
|-----------|--------------------------------|
| 9.75 | 9.75" |
| 10 | 10" |
| 20 | 20" |
| 30 | 30" |



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