



PCC SERIES HEXAMETAPHOSPHATE CRYSTAL CARTRIDGES

- Hexametaphosphate Crystals help prevent Lime* and Scale* deposits
- Effective for treating corrosion and iron problems
- Three unique designs to fit multiple applications
- Variety of media volumes and flow rates
- Manufactured with all FDA grade materials

PCC Series filter cartridges contain food-grade hexametaphosphate that dissolve slowly in water to inhibit scale and rust build-up.

These cartridges are available in four feeder sizes with variable volumes of phosphate crystals. All materials are FDA grade.

They are effective for treating scale, corrosion and iron problems for up to six months at various flow rates and feed concentrations.

The PCC212 and PCC218 cartridges are designed to fit PENTEK #10 Standard or Slim Line® filter housings. The PCC-1 cartridge is designed to fit in #10 Standard filters only.

The PCC-106 is an insert element that is placed in the center core of the cartridge. It is designed for use with standard 10" and 20" radial flow, sediment and carbon block double open-ended filter cartridges.

This type of treatment is recommended for use with ice machines, coffee and vending machines, food service equipment, water heaters, air conditioning equipment and many other types of water processing equipment.



PCC SERIES

Hexametaphosphate Crystal Cartridges

SCALE: Hardness particles are kept separated so they cannot precipitate and form deposits when heated. Maximum hardness 15 gpg.

CORROSION: A protective coating is formed on all metal surfaces, safeguarding against acidity/alkalinity, hardness, chloride and other factors which effect the corrosion of water equipment and pipes. pH range 6.5 – 9.0.

IRON: Dissolved iron, up to 1 ppm, is kept suspended in solution (sequestered), preventing dissolved iron from precipitating, which would cause staining and discoloration.



Cartridge Specifications and Performance Data

Model	Maximum Dimensions	Initial ΔP (psi) @ Flow Rate (gpm)
PCC-1	2 ⁷ / ₈ " x 9 ⁵ / ₈ " (73 mm x 244 mm)	Up to 5 gpm (19 Lpm)
PCC-106	1 ¹ / ₁₆ " x 5 ⁷ / ₁₆ " (27 mm x 138 mm)	1 to 1.5 gpm (4 to 6 Lpm) for insertion in center core of open core cartridges
PCC212	2 ⁵ / ₈ " x 9 ³ / ₄ " (67 mm x 248 mm)	1 to 1.5 gpm (4 to 6 Lpm)
PCC218	2 ⁵ / ₈ " x 9 ³ / ₄ " (67 mm x 248 mm)	1.5 to 2.5 gpm (6 to 10 Lpm)

Materials of Construction

Filter Media	Food Grade Polyphosphate
Shell	Polypropylene
Post-Filter	Polypropylene
Gaskets	Buna-N (PCC212 & PCC218)
Temperature Rating	40–100°F (4.4–37.8°C)

CAUTION: Eye irritant. Contains sodium calcium hexametaphosphate. Avoid contact with eyes. In case of eye contact, flush with water for 15 minutes, get medical attention. Keep out of reach of children.

WARNING: For drinking water applications, do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

NOTE: PCC212 and PCC218 cartridges are not recommended for main line water applications with flow rates exceeding 3.0 gpm (11.4 lpm).

NOTE: With steamers, the water should be flushed daily.

CAUTION: Do not use this cartridge on water that will be carbonated.

