



PCC106 PCC1 PCC212
PCC218

PCC SERIES HEXAMETAPHOSPHATE CRYSTAL CARTRIDGES

- Effective for treating scale, corrosion and iron problems
- Ideal for a variety of food service equipment, as well as other types of water processing equipment

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

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.

To best meet your needs, cartridges are available in four feeder sizes and 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 #10 Standard or Slim Line® filter housings.

The PCC106 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 filter cartridges.



PENTEK
FILTRATION

Pure Quality.™

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)
PCC1	2-7/8" x 9-5/8" (73 mm x 244 mm)	Up to 5 gpm (19 L/min)
PCC106	1-1/16" x 5-7/16" (27 mm x 138 mm)	1 to 1.5 gpm (4 to 6 L/min)
PCC212	2-5/8" x 9-3/4" (67 mm x 248 mm)	(for insertion in center core of open core cartridges) 1 to 1.5 gpm (4 to 6 L/min)
PCC218	2-5/8" x 9-3/4" (67 mm x 248 mm)	1.5 to 2.5 gpm (6 to 10 L/min)

Materials of Construction

- **Filter Media** Food Grade Polyphosphate
- **Shell** Polypropylene
- **Post-filter** Polypropylene (PCC212 & 218)
- **Gasket** Buna-N (PCC212 & 218)
- **Temperature Rating** 40°F to 100°F (4.4° C to 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.

Distributed By:
 Roanoke Water Treatment, Inc.
 1948 Franklin Road SW
 Roanoke, VA 24014
 (540)982-2324

