

Scale Inhibiting

PCC

An alternative technology to ion exchange, the PCC series contains hexametaphosphate crystals which slowly dissolve, sequestering hardness contaminants and reducing the risk of limescale build up. Available in three different configurations, the PCC can be tailored for use in a variety of applications where scale is an issue.

PCC-106

For use with DOE Cartridges

Designed for smaller applications and in conjunction with other filtration equipment, the PCC-106 is an insert element placed into the central core of DOE (double open-ended) cartridges. Perfectly designed for use with radial flow sediment and carbon cartridges, the PCC-106 uses hexametaphosphate media to prevent hardness forming ions from precipitating.

PCC-2-18

To fit Standard and Slimline Housings

Hexametaphosphate media used within PCC-2-18 cartridges separates hardness particles and forms a protective coating on surfaces, preventing scaling and accumulation; safeguarding against typical acid/alkaline contaminants that affect corrosion of water equipment and pipework. In a traditional 10" double open-ended configuration, the PCC-2-18 is designed for use in both standard and slimline filter housings.



Treatment Illustrated

Dissolving hexametaphosphate crystals treat water throughout each cartridge.

- **PCC-106** Feedwater flows through the carbon cartridge to permeate the dissolving crystals
- **PCC-2-18** The flow feeds from the base of the cartridge and through dissolving hexametaphosphate crystals
- **PCC-1** Feedwater flows across the top of the cartridge, drawing dissolved crystals into the outlet stream

Blue arrows = feed; orange arrows = treatment water.



PCC-1

For use with 3/4" Housings

This bypass feeder configuration contains the highest amount of hexametaphosphate in the range, providing extended service life and the capability to treat flow rates up to 19 litres per minute. The design of the PCC-1 allows scale inhibiting crystals to slowly dissolve into the feed stream, dosing the water to treat scale, corrosion and iron staining.

Key Features

- Effective protection from scale, corrosion and rust
- Alternative to ion exchange technology
- 3 unique designs to suit multiple applications

Typical Applications

- Coffee machines
- Food service equipment
- Private water scale treatment

Media Type

FDA approved hexametaphosphate crystals

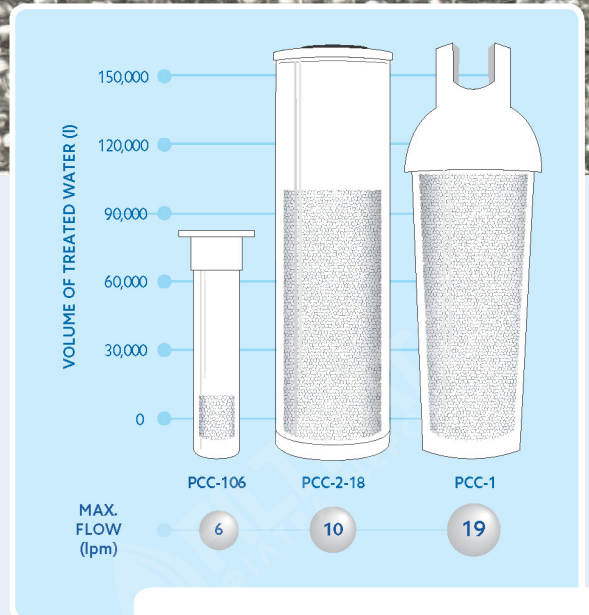
Configurations

Length (")

6	10
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Media Weight (oz)

PCC-106 = 1.4	PCC-2-18 = 18.5	PCC-1 = 24
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Cartridge Capacity

Volume of Treated Water (l)		
PCC-106	PCC-2-18	PCC-1
7,125	85,500	114,000

Specification

Operating Temperature Range
4-38°C

Max. Hardness
250mg/l CaCO₃

Part Number, Box Quantity & Weight

Code	Box Qty	Box Weight (kg)
PCC-106	24	1
PCC-2-18	6	5
PCC-1	6	5