

iA 10 P cartridge

Cartridge for removing PFAS from wastewater or drinking water.

General Description

instrAction® 10 P cartridge features the newly developed instrAction P 200 resin, a functionalized polyamine surface dedicated to the removal of PFAS from aqueous media. This 10 P cartridge offers outstanding removal characteristics for long- and short-chain PFAS along with good productivity. It fits the most commonly used 9¾" cartridge holders.

Performance Benefits

General

- instrAction P 200 resin with high selectivity for PFAS removal
- High capacity
- Low backpressure

PFAS Removal

- Wide range of PFAS are removed from wastewater or drinking water below the detection limit in a single filtration step.
- Outstanding productivity and capacity for short- and long-chain PFAS.
- Reliable depletion rate with high capacities and stable bindings.

Installation

- After installation, flush 20 liters of water at nominal flow rate and leave to stand for 1 hour before first use.
- For cold water use only.
- Make sure cartridge fits the holder.
- Check max. flow and pressure to avoid damage.

Operation

- Replace the cartridge regularly every 6 months.
- Replace the cartridge when the rated capacity or maximum pressure is reached.
- Rinse and clean the cartridge holder when changing it.
- Don't disassemble the cartridge.

About instrAction

instrAction is committed to implementing groundbreaking innovations for the water treatment industry. Since its founding, instrAction has rapidly expanded its activities. Its expertise combines the selectivity of absorber resins with the requirements of modern water treatment.

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Specifications

Service Flow Rate	4 - 6 L/min for drinking water 2 - 3 L/min for wastewater
Rated Capacity	10,000 L for drinking water
Pressure Requirements	0.5 – 5 bar
Back Pressure	0,2 – 0,3 bar at 2 - 4 L/min
Operating Temperature	4 – 40 °C
Overall Dimensions	9¾" x 2.5" (H x OD)
Shipment Form	dry
Resin Type	instrAction P 200
Resin Containment	PP (FDA 21 and RoHS certified)
Caps	PA11 (KTW-BWGL and EN16421 certified)
Seals	EPDM (KTW-BWGL certified)
Connector	DOE
Article No.	iA 10 P DOE



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(The image may differ from the actual product)

Additional Information & Regulations

Toxicity

The safety data sheet must be followed. It contains additional data on product description, transport, storage, handling, safety and ecology.

Disposal

In the European Community resins for water filtration must be disposed of according to the European waste nomenclature which can be accessed on the internet-site of the European Union.

Storage

It is recommended to store resin at temperatures above the freezing point of water under the roof in dry conditions without exposure to direct sunlight.

Disclaimer

This information is generated in best possible elaborateness but without warranty. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended application and uses. The application, use and processing of our products and the products manufactured by you based on our technical advice are beyond our control and, therefore, entirely your responsibility.

Our products are sold in line with the current version of our General Conditions of Sale and Delivery.

If any questions occur, please contact an instrAction specialist!

instrAction. Pioneering water filtration technology.