ENVIROFALK

GreenLINE
Ion exchanger IA

ION EXCHANGER

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Ion exchanger IA

Non-pressurised ion exchange system with replaceable plastic cartridge and integrated LED measuring device.

- Ready for connection, wall mounting
- Including battery-operated Conductivity meter C 20 D.
- Ideal for smaller consumption quantities thanks to simple replaceable disposable cartridges

Typ	IA 120	IA 450
Total capacity at 10° total salinity and a limiting conductivity of 20 µS/cm (litres)	120	450
Dimensions (Width x depth x height in mm)	250 x 140 x 395	130 x 110 x 660
Weight (kg)	2,5	5,5
Resin content (l)	0,7	3
Article no.	**103403**	**311019**

CONSUMABLES

IA 120 Refill set

- Two interchangeable disposable/reusable cartridges for the IA 120 system
- ø 75mm x 245 mm incl. 0.7 l resin content

Article no. 000028

IA 450 Refill set

- Interchangeable disposable/reusable cartridges for the IA 450 system
- ø 110 mm x 460 mm incl. 3 l resin content

Article no. 311018

Using water intelligently

EnviroFALK GmbH | Gutenbergstrasse 7 | 56457 Westerburg | +49 2663 9908 0 | info@envirofalk.com | **envirofalk.com**

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Accessories & options

CONDUCTIVITY MONITORING

C 900 conductivity meter

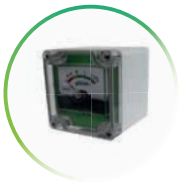
- High-precision digital conductivity and temperature measurement
- Wide measuring range from 0.056 - 100 µS/cm
- Freely adjustable limit values and acoustic and visual signal when exceeded
- Suitable for wall mounting

Article no. 340057

C50 conductivity meter

- Simple and precise conductivity monitoring
- for permanent quality control
- Analogue measurement in the range from 0 – 50 µS/cm
- Installation takes place directly on the ion exchanger

Article no. 340074



C50 A conductivity meter

- Simple and precise conductivity monitoring
- for permanent quality control
- Analogue measurement in the range from 0 – 50 µS/cm
- For wall mounting

Article no. 340086

GreenLINE Digital

- Direct connection to all common cartridges
- Measurement in the range from 0 – 100 µS/cm
- Limit values continuously adjustable from 1–99 %
- LED warning signal when limit value is exceeded
- Alternatively with potential-free contact

Article no. 340034
Article no. 340035 (alternative)

Analog conductivity meter

- Five LEDs continuously display the current operating status of the ion exchange cartridge (green, yellow, red)
- Analogue measurement in the range from 0 – 30 µS/cm
- Mounted directly on the ion exchanger, including adapter

Article no. 340044 for stainless steel
Article no. 340058 for GRP

C 20 D battery-operated conductivity meter

- Three LEDs continuously display the current operating status of the ion exchange cartridge (green, yellow, red)
- Analogue measurement in the range from 0 –20 µS/cm
- Installation takes place directly on the ion exchanger

Article no. 340103 for stainless steel
Article no. 340105 for GRP

SAFETY AND PROTECTIVE DEVICES

Leakage protection

- Unit for effective protection against water damage thanks to integrated solenoid valve with automatic shut-off
- Includes control, R ¾" solenoid valve and sensor with 5 m cable

Article no. 528197

Resin catcher

- To prevent resin breakthroughs
- Made of stainless steel, R ¾"

Article no. 340113

System separators

- For the protection of municipal water systems against back pressure, back flow and back suction
- Inlet-side non-return valve and drain valve are combined in a single cartridge

Article no. 340112

INSULATION

Insulation ion exchanger

- Insulation to prevent temperature loss of the medium
- This results in cost savings, as the medium needs to be heated less
- Other sizes on request

Article no. on request

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Accessories & options

CONNECTIONS & CONNECTORS

EPDM armoured hose
- Connector ¾", L 1500 mm

Article no. 470228

EPDM armoured hose
- Connector ¾", L 2500 mm

Article no. 470230

PVC hose set
- Connector ¾", L 1500 mm

Article no. 340037

PE hose
- 6 mm, 3-metre piece
- With connector DAC R ¾"

Article no. 904058 (PE hose)
Article no. 736696 (connector)

Backflow preventer
- ¾" according to EN 1717

Article no. 340097

3 outlet distribution bar
- With ball valve

Article no. 990155

Ball valve
- Shut-off valve

Article no. 902066

FITTINGS AND CLOSURES

Withdrawal gun
- For manual removal of pure and ultrapure water
- Made of plastic including stainless steel hose ¾", 1500 mm

Article no. 470212

Quick-release set
- Simpler and safer cartridge connection and change
- Equipment for connecting two ion exchange cartridges

Article no. 340089

UV DISINFECTION

UV-LED
- Retention of pathogens by using UV-C LEDs
- No use of chemicals or mercury-based lamps
- UV LED lamp module with stabilised UV-C output power, external display of lamp operation and alarm statuses, start/stop operation with unlimited cycles per day

Article no. 327013 (15E at 8.5 l/m)

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