



## TECHNICAL SPECIFICATIONS

|   |                |
|---|----------------|
| Max system volume - cooling, m <sup>3</sup> | 17.5           |
| Water flow, l/min                           | 0-25           |
| Design pressure, bar                        | PN10           |
| Medium temperature, °C                      | 95             |
| Tank volume, L                              | 31             |
| Design code                                 | PED 2014/68/EU |
| Connection                                  | 1" F BSP       |
| Dry weight, kg                              | 54             |
| Min working space above, cm                 | 100            |
| Max system volume - heating, m <sup>3</sup> | 25             |

## MATERIALS

|                     |                     |
|---------------------|---------------------|
| Filter element      | Stainless AISI 316  |
| Filter housing      | Stainless AISI 304  |
| Gasket              | EPDM                |
| Insulation/Cladding | Armaflex/stainless  |
| Manometer           | Stainless AISI 304  |
| Anodes              | Magnesium           |
| Magnet              | Neodymium           |
| Surface treatment   | High gloss polished |

## MONITORED VALUES

|                                   |         |
|-----------------------------------|---------|
| pH                                | 0-14    |
| Dissolved oxygen (DO), mg/l       | 0-20    |
| Anode current, mA                 | 0-200   |
| Temperature, °C                   | 0-80    |
| Electro conductivity (EC), µSm/cm | 3-2000  |
| Flow, l/min                       | 0-25    |
| Flow counter, m <sup>3</sup>      | 0-99999 |
| Inlet pressure, bar               | 0-10    |
| Outlet pressure, bar              | 0-10    |
| Pressure difference, kPa          | 0-100   |

## ACCURACY

|                      |       |  |
|----------------------|-------|--|
| Electro conductivity | 2Flow | 5Pressure1pH1Dissolved oxygen (DO)0.2 mg/l |
| Temperature          | 0.5°C |  |
| Anode current        | 5     |  |

## ELECTRICAL SPECIFICATIONS

|                                       |              |
|---------------------------------------|--------------|
| Power supply type                     | DC           |
| Power supply voltage, V               | 9-36         |
| Power consumption (without valves), W | 6            |
| Ingress Protection (IP) rating        | IP44         |
| EMC (Electromagnetic Compatibility)   | EC compliant |
| Recommended voltage, V                | 24           |
| Valve driver output current (max), A  | 2            |

## EXTERNAL POWER SUPPLY

|                                |        |                         |           |
|--------------------------------|--------|-------------------------|-----------|
| Input voltage, VAC             | 85-264 |                         |           |
| Input voltage type             | AC     |                         |           |
| Max power, W                   | 60     |                         |           |
| Max output current, A          | 2,5    |                         |           |
| Fuse rating, A                 | 6      |                         |           |
| Ingress Protection (IP) rating | 55     |                         |           |
| Input frequency, Hz            | 47-63  |                         |           |
| Efficiency                     | 90     | Working temperature, °C | -30 - +70 |



| SPARE PARTS                                  |              |
|--|--------------|
| Description                                  | Product code |
| ANODE P40 NO FILTER                          | 101563       |
| ANODE P25/40 WITH NET                        | 101289       |
| BY PASS KITS                                 |              |
| Description                                  | Product code |
| BY PASS KIT 1"                               | 101157       |
| SPARE PARTS                                  |              |
| Description                                  | Product code |
| REGULATING VALVE 1"                          | 100117       |
| FLOWMETER 1"                                 | 101117       |
| AIRVENT P10 - P70                            | 101602       |
| INDICATOR 0-100mA                            | 100078       |
| INDICATOR TEST BUTTON                        | 100081       |
| BAGFILTERS                                   |              |
| Description                                  | Product code |
| BAG FELT PES SIZE 02 Ø 178 x L 813 mm 200 µm | 101142       |
| BAG FELT PES SIZE 02 Ø 178 x L 813 mm 50 µm  | 101143       |
| BAG FELT PES SIZE 02 Ø 178 x L 813 mm 25 µm  | 101144       |
| BAG FELT PES SIZE 02 Ø 178 x L 813 mm 10 µm  | 101145       |
| BAG FELT PES SIZE 02 Ø 178 x L 813 mm 5 µm   | 101146       |
| BAG FELT PES SIZE 02 Ø 178 x L 813 mm 1 µm   | 101147       |
| BAG FELT PES SIZE 02 Ø 178 x L 813 mm 100 µm | 101449       |

## GASKETS

| Description                                   | Product code |
|---|--------------|
| VESSEL GASKET Ø219,1 (EPDM)                   | 101156       |
| GASKETS FOR FILTERKIT PRBG P10-P25-P40 (2Pcs) | 101561       |
| GASKET BAG HOLDER (EPDM)                      | 101609       |

## SS STRAINERS

| Description                        | Product code |
|------------------------------------|--------------|
| 2LAY INOX FILTERKIT SIZE 11, 110µm | 101154       |
| 2LAY INOX FILTERKIT SIZE 11, 55µm  | 101155       |

## SPARE PARTS

| Description       | Product code |
|-------------------|--------------|
| TOP COVER P10-P25 | 101607       |
| PRESSURE GAUGE    | 111267       |
| MAGNET P10-P25    | 101130       |