

RADIX

When larger quantities of Grade 2 or RO water are required, RADIX systems serve as a multi-purpose solution for a wide range of applications. Systems are available in RO or EDI configurations and, depending on the model, produce up to 250 L of RO water or 150 L of Grade 2 water per hour.

RADIX systems are designed as robust and reliable high-capacity purified water sources that require minimal maintenance while delivering exceptional output. The EDI configuration includes an electrodeionization module which needs no replacement and thus the long-term running costs are kept as low as possible.



Typical fields of application include, but are not limited to:

- Central laboratory water distribution system which can supply purified water to the entire facility with a number of point-of-use access points and additional Grade 1 polishers installed according to the specific requirements.
- Feed water production to biochemical analyzers in hospitals, laboratories, healthcare centers (RADIX EDI – Grade 2 systems). Depending on water consumption, RADIX systems can simultaneously supply more than one analyzer. A typical setup includes the RADIX system, an atmospheric storage tank (equipped with an automatic UV sanitization module and CO2 trap) and a water distribution module.
- Production facilities of different types of manufacturing industries.
- Supply of large capacity humidifiers, steam generators etc.

Ordering information

| Model | Part number |
|---------------|-------------|
| Radix 60 RO | RA-1001 |
| Radix 100 RO | RA-1003 |
| Radix 250 RO | RA-1005 |
| Radix 31 EDI | RA-2102 |
| Radix 61 EDI | RA-2104 |
| Radix 91 EDI | RA-2106 |
| Radix 151 EDI | RA-2108 |

Specifications

| | 60 RO | 100 RO | 250 RO | 31 EDI | 61 EDI | 91 EDI | 151 EDI |
|---|----------------------------|----------|----------|----------|----------|----------|----------|
| Capacity, L/h | 60 | 100 | 250 | 30 | 60 | 90 | 150 |
| TDS rejection rate | ≥98.5% | ≥98.5% | ≥ 98.5% | - | - | - | - |
| Output water conductivity at 25 °C, µS/cm | - | - | - | ≤0.5 | ≤0.5 | ≤0.5 | ≤0.5 |
| Dimensions (WxDxH), cm | 33x72x77 | 33x72x77 | 33x94x77 | 33x78x77 | 33x78x77 | 33x78x77 | 33x78x77 |
| System weight, kg | 42 | 56 | 88 | 50 | 56 | 68 | 68 |
| Operation weight, kg | 52 | 63 | 97 | 55 | 63 | 74 | 74 |
| Display | colour graphic LCD display | | | | | | |
| Storage tank | required, not included | | | | | | |

Consumables

| Part number | Description | Replacement criteria |
|-------------|-----------------------------------|--|
| 10420 | Pre-filter RADIPACK | If the filters are clogged or every 6 months |
| 10820 | Conditioner | If the filters are clogged or every 6 months (EDI configuration) |
| 10011 | Replacement sterilization UV bulb | As required (on average every 2 years) |

Flow diagram

