

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 90 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

SPECIFICATIONS

	60 RO	100 RO	250 RO	31 EDI	61 EDI	91 EDI
Capacity, L/h	60	100	250	30	60	90
TDS rejection rate	≥98.5%	≥98.5%	≥ 98.5%	-	-	-
Output water conductivity at 25 °C, µS/cm	-	-	-	≤0.5	≤0.5	≤0.5
Dimensions (WxDxH), cm	33x65x72	33x65x72	65x94x72	33x65x72	33x65x72	33x65x72
System weight, kg	42	56	88	50	56	60
Operation weight, kg	52	63	97	55	63	66
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
10011	Replacement sterilization UV bulb	As required (on average every 2 years)

FLOW DIAGRAM

