

OPADOU™

Ion Exchange Resin System

OPADOU™ drinking water treatment systems use ion exchange resin to remove hardness from water.

Two versions are available:

- Reinforced resin (service pressure up to 6 bars)
- Steel (service pressure up to 10 bars)

Flow rates: 10 to 150 m³/h

Features & Benefits

- Compact skid-mounted units
- Flexible configuration; simplex, duplex (one duty / one standby), triplex (two duty / one standby)
- The hydrogen (OPADOU™ H+), calcium and magnesium (OPADOU™ Na+) ions, mainly remain trapped on the resin
- Counter-current regeneration allowing a reduced salt consumption, better treated water quality, better control of the variation in residual nitrate contents
- Optional nitrate monitoring and remote process control

Applications

- Drinking water treatment

OPADOU™ Na+

- Permanent hardness removal

OPADOU™ H+

- Temporary hardness removal

Related Services

- Local after-sales service for preventative and corrective maintenance program
- Tailor made design according to project
- Support for setup and commissioning



System Dimensions & Performances

Exchanger Diameter (mm)	Shell Height (mm)	Area (m ²)	Resin Height (mm)	Resin Volume (L)
800	2000	0.5	1750	880
1000	2000	0.8	1750	1374
1200	2000	1.1	1750	1979
1400	2000	1.5	1750	2694
1800	2000	2.5	1750	4453



For higher flow rates or other processes, consult your local Veolia Water Technologies representative.

Visit our website: www.veoliawatertechnologies.com