

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	1 750	880
1000	2000	0.8	1 750	1 374
1200	2000	1.1	1 750	1 979
1400	2000	1.5	1 750	2 694
1800	2000	2.5	1 750	4 453



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

Visit our website: www.veoliawatertechnologies.com