

## Data Sheet

## RB 451

### Vacuum reservoir for resin infusion

#### ■ DESCRIPTION

The RB 451 vacuum reservoir is designed to collect excess resin during the vacuum assisted resin transfer moulding process (VARTM). The RB 451 has 1 vacuum inlet and 3 resin inlets in order to be able to perform several infusions at the same time. Each resin inlet is equipped with a safety valve. The unit comes equipped with a vacuum regulator/ gauge for reduced vacuum and leak detection applications. By disconnecting the vacuum source, one can view the gage for signs of decreasing vacuum, ie., leaks.

Additionally, each unit includes:

- > a polypropylene bucket to collect the resin without damaging the tank inside.
- > a plug AQD 500TF 1/4" female NPT to be mounted on the tank vacuum source.
- > 3 barbed fittings of each of the following sizes: 3/8"ID, 1/2"ID and 5/8"ID to be mounted on the 3 tank resin inlets.

#### ■ TECHNICAL DATA

Tank size	10 litres
Tank diameter	30 cm
Tank height, with the handle	46 cm
Vacuum source	1/4 inch male NPT
Resin inlet	3/8 inch female NPT
Maximum service temperature	50 °C



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Catalogue position : [Resin infusion products](#)