

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



Last updated : 2010-06-03

Catalogue position : **Resin infusion products**