

## 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 molding process (VARTM). The RB 451 has 1 vacuum inlet and 1 outlet port. Multiple fittings are included. 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 gauge for signs of decreasing vacuum, ie., leaks.

Additionally, each unit includes:

- > A polypropylene bucket to collect the resin without damaging the tank inside.
- > An AQD 500BF Quick Disconnect 1/4" Male NPT to be mounted on the tank vacuum source.
- > 1/2" barbed fitting (5/8" I.D. hose)
- > 5/8" barbed fitting (3/4" I.D. hose)

#### TECHNICAL DATA

Tank size	2.5 gallons (10 liters)
Tank diameter	12 inches (30 cm)
Tank height, with the handle	18 inches (46 cm)
Vacuum source	Barbed fitting 3/8 inch diameter
Resin inlet	Barbed fitting 1/2 inch diameter or 5/8 inch diameter
Maximum service temperature	122 °F (50 °C)



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Catalog position : [Resin infusion products](#)