



- ANSI/NSF Standard 61 Approved
- Stainless Steel Water Connection
- Controlled Action Diaphragm (CAD)
- Condensation Reducing Design
- Stainless Steel Elbow
- Two Part Polyurethane Paint Finish
- High Quality Brass Air Stem
- Comprehensive Testing
- 5 Year Written Limited Warranty



Welded Stainless Steel Connection

The Challenger™ “I” Series Designer Look, Tougher Performance!

The Challenger “I” Series tanks combine high performance and designer appeal. The almond-colored two-part polyurethane paint finish over an epoxy undercoating provides hundreds of hours of UV and salt spray protection. Efficient and cost-effective, Challenger “I” Series tanks are designed with a patented controlled action, double diaphragm assembly that completely contains drawdown water in a pre-charged air atmosphere. This “air buffer” design means fewer problems with condensation. Challenger “I” Series tanks have a threaded nut for easy installation of pump stand, a stainless steel elbow and an adjustable air charge. Clean, airtight welds are achieved using the most modern welding equipment available.

Our diaphragms are constructed with an FDA approved high grade butyl. Flexcon’s positive lock internal clench ring system cannot slip and does not rely on the tank wall. The tank contains a stainless steel port diffuser, and water connection which directs flow upward and outward while locking the lower diaphragm in place.

All of Flexcon’s quality tanks are backed by a five year written, limited warranty. Challenger tanks are quality tested at four different stages on the production line. Tests include helium and high pressure tests to ensure the structural integrity of every tank.

