



- ANSI/NSF Standard 61 Approved
- Stainless Steel Water Connection
- High Mastic Epoxy Coating with a Two-part Polyurethane Finish
- Controlled Action Diaphragm (CAD)
- Condensation Reducing Design
- Welded, Malleable Iron Elbow
- High Quality Brass Air Stem
- Comprehensive Testing
- 5 Year Written Limited Warranty



Welded Stainless Steel Connection\*

## The Outdoor Challenger™ Series The Hard Body Tank for Exposed Installations!

Outdoor installations demand a tank that can withstand intense UV exposure, rain and everything else nature has to offer. The Outdoor Series is designed to meet and beat these challenges. Sealed with 8-10 mils of a high mastic (solids) epoxy coating, and a two-part polyurethane finish, this series has the best salt spray and UV resistance characteristics available on the market. The Outdoor Series tanks are designed with a patented controlled action, double diaphragm assembly that is completely contained in a pre-pressurized air cushion. This unique design feature reduces condensation and regulates diaphragm action. Challenger tanks have a threaded nut for easy installation of pump stand, a welded malleable 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. Challenger tanks' true airflow design means fewer problems with condensation. Our diaphragm's positive lock internal clench ring 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 our 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.



\*Challenger tanks are fitted with a malleable iron elbow