

## VAC FORMED HOLDING TANKS GENERAL INFORMATION

### HOLDING TANKS

Fittings will be located as specified by the customer. Customer to provide a 3-dimensional drawing to show a fill, a vent, drain, and sizes for each.

### PLEASE NOTE THE FOLLOWING:

#### SOLID WASTE

- Must include a 3" fill and a 1.5" or 2" vent located on the highest point of the tank
- Must include a 3" drain located at the lowest point of the tank
- The grade or slope will be at least .50" per linear foot to the drain
- Will have a minimum depth of 3"

#### GREY WATER

- Must include a 1.5" fill and a 1.5" or 2" vent located on the highest point of the tank
- Must include a 1.5" drain located on the lowest point of the tank
- Grade or slope will be .25" per linear foot to the drain
- Minimum depth - 3". Bottom edge radii on all holding tanks will be 1"
- The material is ABS

### INSTALLATION RECOMMENDATIONS

Ameri-Kart holding tanks should always be stored out of direct sunlight and protected from freezing. The tanks should be at room temperature when installed. Chassis mounting of the tank eliminates the need for brackets or straps and provides positive support with excellent resistance to road shock and vibration. For "chassis mounting", the tank is fabricated with the top projected 1.50" to 3" along each side or end, for a depth of 3-4". These molded projections must be used to correctly support the tank.

Straps no less than 1" wide should be used for supporting tanks less than 22" wide. On tanks greater than 22" wide, 2" straps are required. All straps should be installed 12"-18" apart depending on the width of the tank and bolted through the floor. Screws are NOT recommended for strap installation.

When determining locations for fittings, make sure that when installed, all stress is eliminated from fittings, tubing, and tanks.

All fittings are glued into the tank for complete sealing. Sealants, pipe dope, greases, petroleum jellies, glues or other adhesives not compatible with ABS should not be used. Should there be a need to install an additional fitting after you have received a tank, Ameri-Kart offers fittings that can be installed by the customer with proper adhesive.

To test a tank, fill it with plain water and check visually. **DO NOT USE A LIQUID SOAP OR DETERGENT SOLUTION** as the solution will cause stress cracking in the plastic.