

# MERRILL

## *Precast & Supply Inc.*

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**A copy of the monitoring and maintenance service contract with an authorized provider must be supplied to us prior to ordering Advantex equipment.**

### **Installation instructions for concrete Advantex tanks**

- Hole is to be dug to listed hole size with straight and square sides, hole sizes allow for 35" cover. If the filter is to be set on the tank this will put the top of the filter and risers 1" above ground surface.
- Note if tanks are to be set shallower, filter will be above ground or must be set up hill to get depth.
- All loose dirt is to be removed, if hole is over excavated do not fill with loose soil. Sand or pea gravel must be used over undisturbed ground to bring floor to proper grade. All protruding roots, rocks, pipes or obstructions must be removed. Tanks need a solid base with no loose fill or mud under tank. If a solid base can't be realized because of ground water or mud, hole must be over excavated and filled with course rock to provide for a solid base for tanks.
- Water needs to be pumped out until after the tank is set.
- Base should be level and sized the same as hole dimensions with a 1-inch concave depression evenly tapering down to the center of the hole. This will support the weight of the tank on the tank walls.
- Pump tank can be set at the same elevation as the Ax tank if site conditions allow.  
1 inch

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(length and width of tank)

### **Critical settings for the proper functioning of Advantex system**

- Bottom of AX filter must be set 6" above top of tank for flow from filter to split flow tee.
- Recirculating ball valve must be set 16" down from top of concrete tank to the top of ball valve.
- High water alarm float must be set at 12" down from top of concrete tank to the setscrew for float.
- Override float must be set at 14" down from top of concrete tank to the setscrew for float.
- Redundant off low level alarm float must be set at least 24" down from top of concrete tank to the set screw for float.
- Split flow tee must be solidly supported to prevent settling.
- A phone line must be run into panel.

Please Note: Delivery is to end of county road or curb line. You are responsible any truck time, property damage, or tow charges incurred after we leave the county road. We will set tanks in hole only if we have adequate access to a properly prepared hole. Wet, muddy, or loose ground can get the trucks stuck incurring additional charges and must be evaluated carefully. We will not put ourselves or our equipment in danger to set your tank. The delivery trucks are 10ft wide with mirrors, 32ft long and 13ft in tall. We need adequate maneuvering room and clearances to back the truck centered to the hole with solid support for outriggers. Truck needs to be level side-to-side and less than a 10% slope front to back. We can approach from any end, side, or corner of the hole. Truck needs to be able to back up to the hole we can't set to the side of the truck.