GETTING STARTED

- Electrical connections should be performed by a licensed electrician.
- This system requires dedicated 240V and 120V, 20 amp circuits.
- Both the source water and fresh water connections and the pump require 1½” connections.
- A backflow prevention device must be installed on the back up water supply line upstream of the RF-UVS25-P.

1 Place the pre-plumbed pump and water treatment skid in a dry location, near a floor drain if possible, with 24” clearance on all sides for maintenance access.

2 Ensure there is a minimum of 32” of clear space above the RF-UVS25-P for UV lamp maintenance.

3 Place the water level sensor (connected to the sensor control box) so it hangs inside the water tank, 6” from the bottom.

4 Make the following connections:
   1½” FNPT fresh water inlet
   1½” FNPT source water outlet

5 Connect the 1½” suction line from the above ground tank to the 1½” FNPT suction inlet of the pump.

6 Supply power to the RF-UVS25-P via dedicated 240V and 120V, 20 amp circuits.
**RF-UVS25-FI SYSTEM**  
*For use with underground tanks*

**GETTING STARTED**

- Electrical connections should be performed by a licensed electrician.
- This system requires dedicated 240V and 120V, 20 amp circuits.
- Both the source water and fresh water connections and the pump require 1½” connections.
- A backflow prevention device must be installed on the back up water supply line upstream of the RF-UVS25-FI.

1. Place the pre-plumbed pump and water treatment skid in a dry location, near a floor drain if possible, with 24” clearance on all sides for maintenance access.

2. Ensure there is a minimum of 32” of clear space above the RF-UVS25-FI for UV lamp maintenance.

3. Place the flow inducer feet down, discharge elevated, in the storage tank. Connect the flow inducer wiring to junction box in tank riser above the tank overflow level.

4. Install the water level sensor control box in the riser of the storage tank above the tank overflow level. Install the submersible level transducer sub-assembly 6” from the bottom of the tank and connect to control box.

5. Connect the water level sensor wire (connected to the sensor control box) on the RF-UVS25-FI to the sensor control box mounted in the tank riser.

6. Connect power wiring from the VFD pump control to the flow inducer pump junction box in the tank riser above the tank overflow level.

7. Make the following connections:
   - 1½” FNPT fresh water inlet
   - 1½” FNPT source water outlet

8. Connect 1½” FNPT pump inlet on RF-UVS25-FI to discharge piping in tank riser. Connect flexible discharge hose from flow inducer to discharge piping in tank riser.