

# RF-UVS25-P SYSTEM

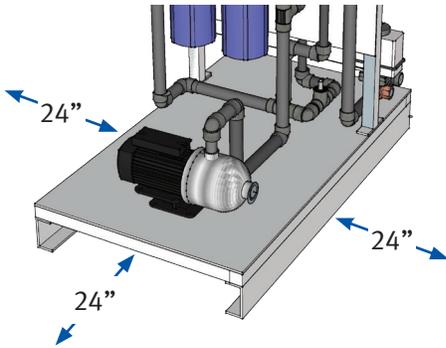
For use with above ground tanks



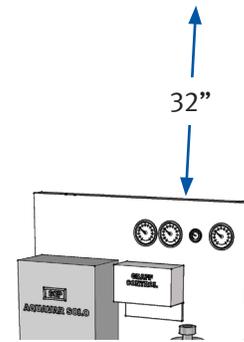
## GETTING STARTED

- 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-P.

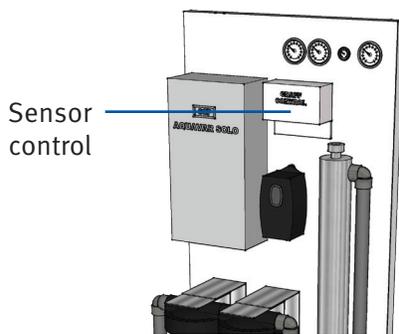
**1** Place the pre-plumbed pump and water treatment skid in a dry location, near a floor drain if possible, with 24” clearance on all sides for maintenance access.



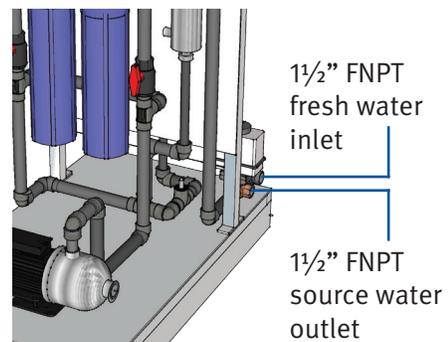
**2** Ensure there is a minimum of 32” of clear space above the RF-UVS25-P for UV lamp maintenance.



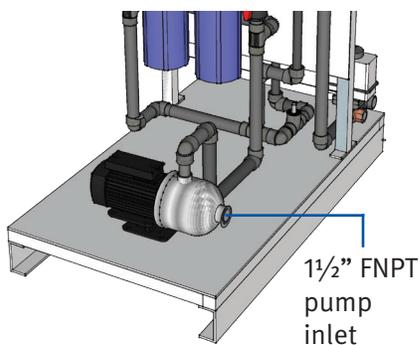
**3** Place the water level sensor (connected to the sensor control box) so it hangs inside the water tank, 6” from the bottom.



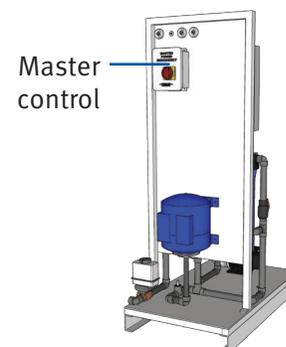
**4** Make the following connections:  
1½” FNPT fresh water inlet  
1½” FNPT source water outlet



**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

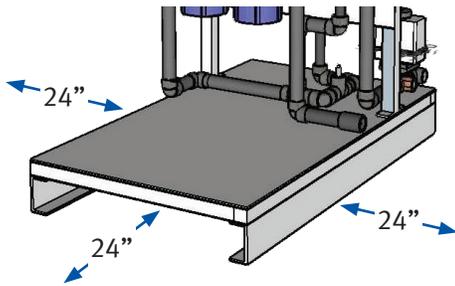
For use with underground tanks



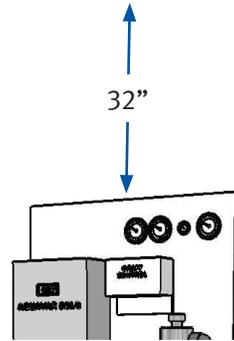
## GETTING STARTED

- 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.

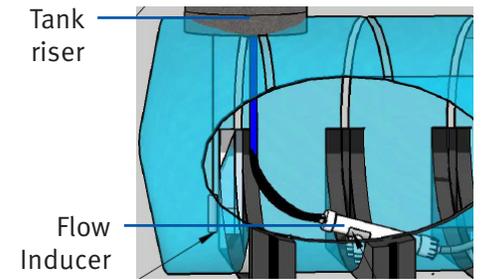
**1** Place the pre-plumbed pump and water treatment skid in a dry location, near a floor drain if possible, with 24” clearance on all sides for maintenance access.



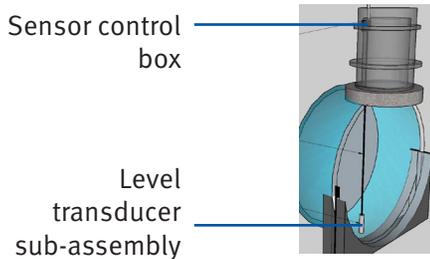
**2** Ensure there is a minimum of 32” of clear space above the RF-UVS25-FI for UV lamp maintenance.



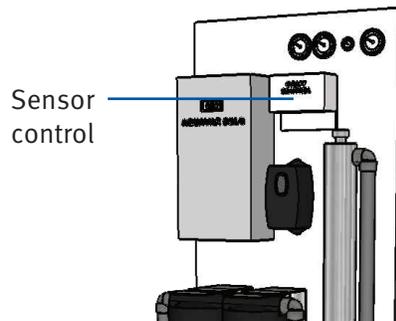
**3** Place the flow inducer feet down, discharge elevated, in the storage tank. Connect the flow inducer wiring to junction box in tank riser above the tank overflow level.



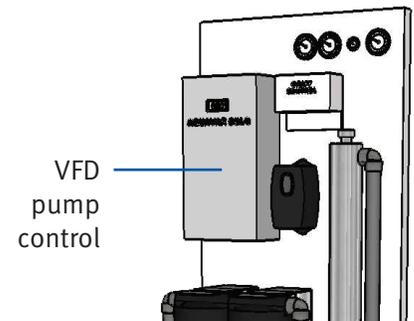
**4** Install the water level sensor control box in the riser of the storage tank above the tank overflow level. Install the submersible level transducer sub-assembly 6” from the bottom of the tank and connect to control box.



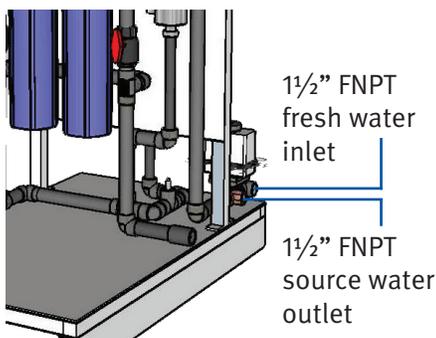
**5** Connect the water level sensor wire (connected to the sensor control box) on the RF-UVS25-FI to the sensor control box mounted in the tank riser.



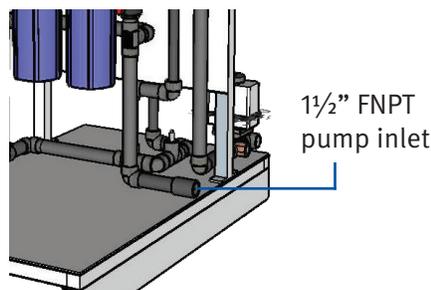
**6** Connect power wiring from the VFD pump control to the flow inducer pump junction box in the tank riser above the tank overflow level.



**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.



**9** Supply power to the RF-UVS25-FI via dedicated 240V and 120V, 20 amp circuits.

