

ABOVE GROUND SYSTEM



GETTING STARTED

- Electrical connections should be performed by a licensed electrician.
- Additional PVC parts and common assembly materials for installation are required, but not included.

1 Tank arrives wrapped and palletized. Additional system components shipped separately.



2 Once the pull wrap is removed, the tank is wrapped in cardboard and banded. Carefully cut the bands to remove them.



3 Remove the tank lid and untie the string to release the tank level gauge and the floating extractor.



4 The gray screen goes into the overflow that accepts schedule 40 PVC. To use 3" thin wall, install the adapter included in the box.



5 Mount the leaf eater in-line with gutter coming from roof following recommended specifications.



6 Mount the first flush between the leaf eater and the tank according to recommended specifications.



7 Connect the first flush to the PVC inlet on the tank.



8 Connect one end of the pump hose to the pump inlet and the other end of the hose the fitting at the bottom of the tank. Place the cover over the pump. (see detail on reverse side)



9 Connect PVC piping to overflow outlet, directing away from structure foundations.

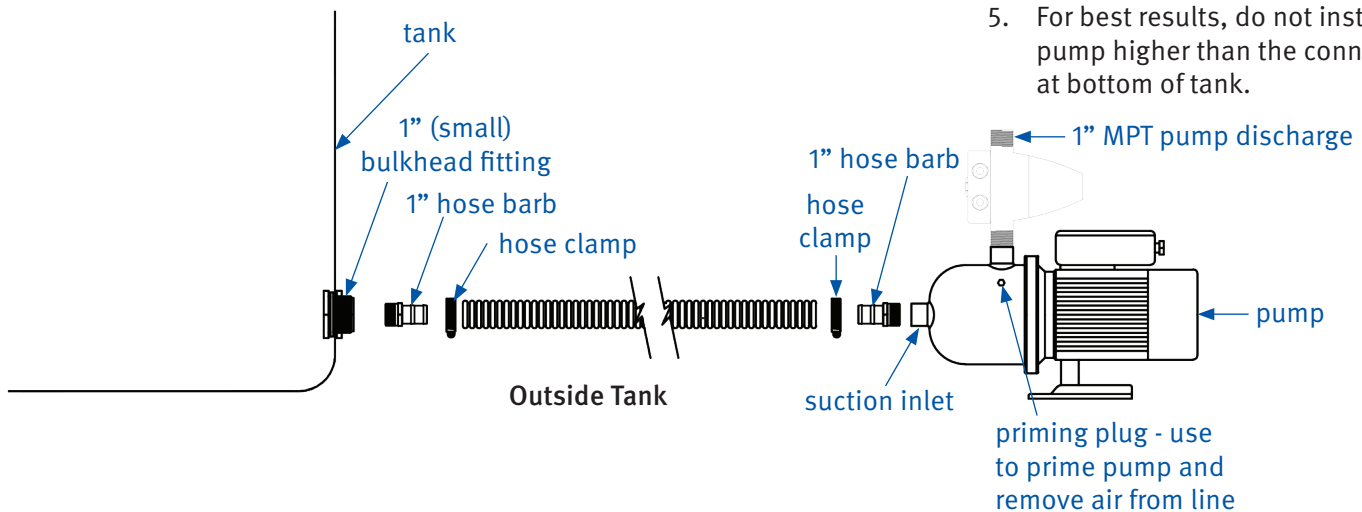


Pump and Pump Connections

Connect the pump suction line included with the system according to the installation detail provided. Install 1" hose barb in the 1" bulkhead fitting located near the bottom of the tank. Use Teflon thread tape to seal all threaded connections. Install one end of the flexible hose supplied on the hose barb. A small amount of lubricant, such as dish soap, may be used to allow the hose to slip on to the hose barb. Secure the hose with the hose clamp provided. Install the other 1" hose barb in the suction inlet of the pump. Be sure to use thread tape to prevent leakage. Install the hose clamp and tighten securely.

Notes:

1. Use Teflon thread tape on all threaded fittings.
2. Use soap to ease installation of hose onto barb.
3. If water level in tank is low the suction hose may have air in hose and the pump may need to be primed.
4. Tighten all connections securely.
5. For best results, do not install pump higher than the connection at bottom of tank.



Pump Cover

Place the pump cover base on a level location, place pump on base. The pump does not need to be fastened to the base, but can be if required for security. Connect the discharge plumbing(not provided) to outlet of the MHPXXA which is located on top of the controller. Cut the pump cover as needed for the suction and discharge piping. Use a pair of tin snips to cut out openings in the cover. Make sure the pump cover sits securely over the pump and rests on the base.

Start Up

Once enough water is collected in the tank, plug the pump into an 120V receptacle. The pump will start and run, but there may be some air in the suction line and pump housing. This could prevent the pump from building pressure. It may be necessary to remove the small plug on the pump housing to bleed the air from the line. Once all the air is purged from the plumbing, the pressure should build to 65 PSI and the pump should shut off. If the pump restarts repeatedly, there may be leaks in the plumbing. Check all connections for any leaks and repair.