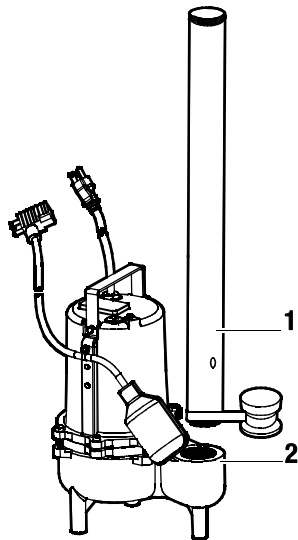


Installation

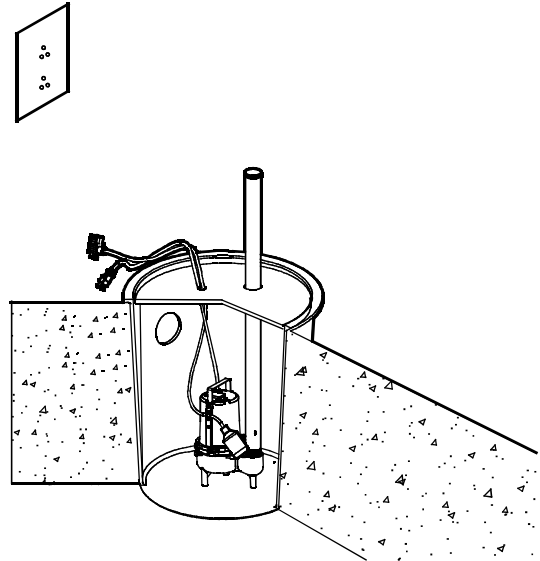
1 Connecting a discharge pipe to the pump

- Wrap the threads of the 2 in. discharge pipe (1) with thread sealant tape.
- Attach the discharge pipe (1) to the discharge of the pump (2).



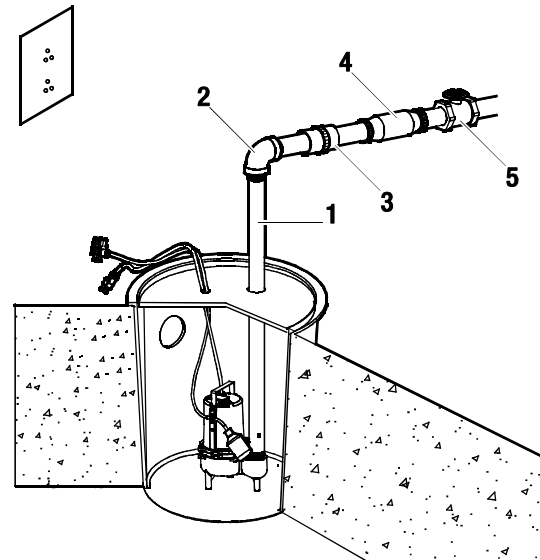
2 Placing the pump in a basin

- Place the pump on a hard surface inside a sewage basin.



3 Connecting the check valve

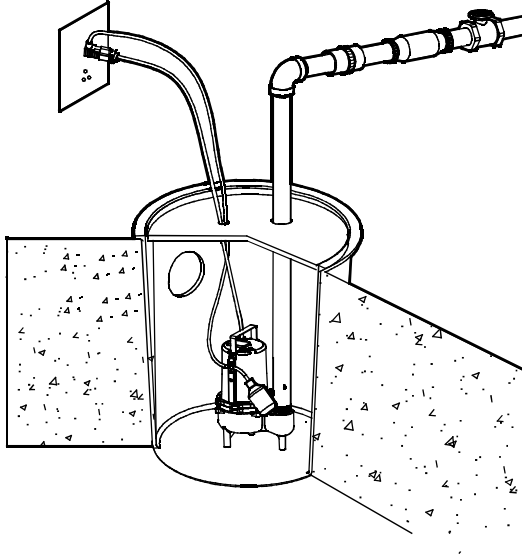
- Connect the discharge pipe (1) to the elbow (2), union (3), check valve (4), and gate valve (5).



Operation

1 Connecting power

- Plug the pump power cord plug into the piggyback switch plug outlet.
- Plug the switch plug into a 115V GFCI power outlet.

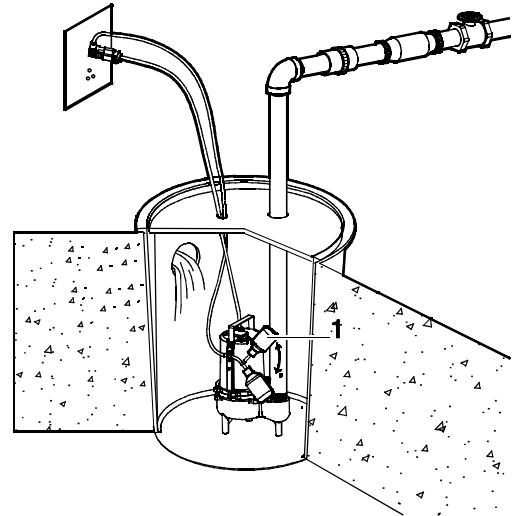


2 Operating the pump

- When the float switch (1) moves up over the top of the pump, the pump begins to operate. When the water lowers to a certain level, the float switch (1) will turn the pump off.
- Allow pump to operate through several on-off cycles.



NOTE: Ensure the pump is submerged in water. Running the pump dry can damage the pump.



3 Switch tether height adjustment

Depending on the height of the inlet pipe, the pump float switch may need to be adjusted. The switch cord is fastened to the side of the motor housing with a clip and screw. If the water in the basin is allowed to rise beyond the bottom of the inlet pipe before activating the pump, lower the float switch cord per the instructions below. Always maintain 3 in. of cord length between the switch and the clip.

- Determine the height of the bottom of the inlet.
- Raise the float switch to determine the height at which the pump is activated. Only allow the pump to run for 1 second dry.
- Remove the screw from the float tether clip and replace in to a lower threaded hole that allows the pump to operate before water reaches the bottom of the inlet pipe.
- Test the on/off operation of the switch by adding clean water to the basin while observing the pump operation.

