

For Professional Technical Support call **1-844-241-5521**

Where Used

In areas where unwanted water is gathering and could cause possible damage to surrounding property.

Typical Application

Primarily used in a household application where a sump basin (pit) is used.

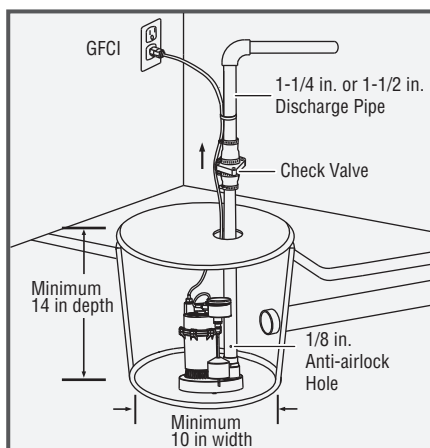
Types of Sump Pumps

- There are submersible sump pumps ranging from thermoplastic to cast iron, both models come with either a tethered or a vertical float switch while offering a discharge tapping size to accommodate both 1-1/4 in or 1-1/2 in discharge pipe.
- There are also pedestal sump pumps ranging from thermoplastic to a combination stainless steel/cast Iron, both offering vertical float switches and 1-1/2 in discharge tapping.

* A variety of warranties exist ranging from 1 year to 5 years on sump pumps.

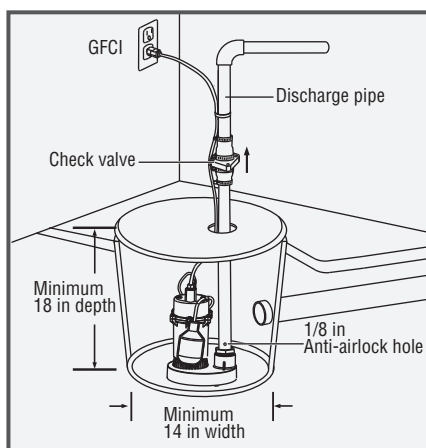
Typical Installations

Submersible Sump Pump Installation



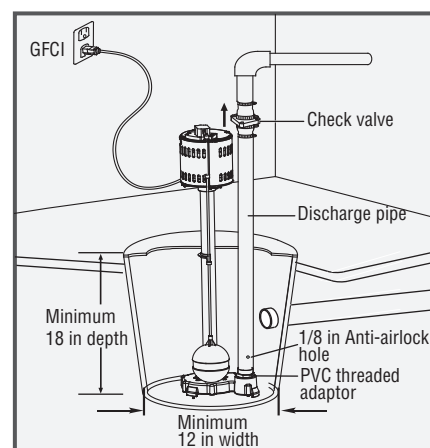
*Make sure pump cannot move in sump

Submersible Sump Pump Installation



*Make sure pump cannot move in sump

Pedestal Sump Pump Installation



*Make sure pump cannot move in sump

Frequently Asked Questions

1. What is the difference between pedestal and submersible sump pumps?

- Pedestal pumps have their base under water in the sump pit while the motor extends above the sump pit out of the water.
- Submersible sumps can be totally submerged under water.

2. Is there an advantage of one over the other?

- Pedestals will have a tendency to be top heavy and noisier than submersibles. Submersibles will stay positioned better in the pit due to better foundation relationship with the discharge piping.
- Submersibles run quieter since they are totally submerged in water, and last longer.



Frequently Asked Questions

3. What style/HP pump should I buy?

- If you were happy with the current style and performance of your existing pump, then replace it with the same style and horsepower.
- If not, the higher the horsepower the better the performance. Choose horsepower and float style that best suits your application.

4. How about the float switches?

- Tethered floats angle up as the water enters the sump basin (pit). Tethered switches need a minimum sump basin diameter of 14 in. Vertical switches are designed for straight up and down movement, which allows the pump to be put in a sump basin (pit) as small as 10 in.

5. What additional items may I need?

Additional items needed	Size	Internet#
Theaded adapter	1-1/4 in or 1-1/2 in male adapter	205727747 or 203811646
PVC pipe	1-1/4 in or 1-1/2 in	100147742 or 100135041
PVC elbow	1-1/4 in or 1-1/2 in	203812127 or 203812129
PVC coupling	1-1/4 in or 1-1/2 in	203811387 or 100342772
Check valve	1-1/4 in and 1-1/2 in	205616001

Troubleshooting

Problem	Possible Cause	Corrective Action
The pump does not start or run.	<ol style="list-style-type: none"> 1. No power. 2. The impeller is blocked. 3. The float switch failed. 4. The motor failed. 	<ol style="list-style-type: none"> 1. Reset GFCI switch the fuse/Reset the breaker Secure the plug/Clean the plug prongs. 2. Remove the debris around the impeller. 3. Replace the float switch. 4. Replace the pump.
The pump operates but pumps little or no water.	<ol style="list-style-type: none"> 1. The screen is blocked. 2. Debris is caught in the impeller or discharge. 3. The impeller is broken. 	<ol style="list-style-type: none"> 1. Clean the screen. 2. Remove the debris. 3. Replace the impeller.
The pump starts and stops too often.	<ol style="list-style-type: none"> 1. There is a backflow of water from the piping or the check valve is leaking. 2. The float switch is stuck. 3. The float switch failed. 	<ol style="list-style-type: none"> 1. Install a check valve or replace the check valve. 2. Clean the float switch. 3. Replace the float switch.
The pump will not shut off.	<ol style="list-style-type: none"> 1. The float switch is tangled. 2. The float switch failed. 	<ol style="list-style-type: none"> 1. Reposition the pump and make sure the switch moves freely. 2. Replace the float switch.

