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INSTALLATION INSTRUCTIONS

MODEL 300608

SUBMERSIBLE SUMP PUMP

Your pump has been carefully packaged at the factory to prevent damage during shipping. However, occasional damage may occur due to rough handling. **Carefully inspect your pump** for damages that could cause failures. Report any damage to your carrier or your point of purchase.

Please read these instructions carefully. **Failure** to comply to instructions and **designed** operation of this system, may **void** the warranty.



APPLICATION

- ☐ This submersible sump pump is designed for a permanent sump installation.
- ☐ To be used in a residential cottage and farm application.

☐ CAPACITIES:

5'	2400	FRICION LOSS IN PIPE NOT INCLUDED
10'	1600	
15'	900	
20'	300	
		US GPH

FEATURES

- ☐ water cooled continuous duty motor.
- ☐ Thermal and overload protection.
- ☐ Piggy back grounded cables
- ☐ 115VAC, 60Hz.
1/3 HP, 7.4A.

INSTALLATION STEPS

STEP 1 We recommend that you install your pump in a clean location where there is adequate room for servicing at a later date. Protection from freezing temperatures and good ventilation should be considered as well, to provide the pump an environment for long life. **Do not use to pump gas or toxic fuels. This submersible sump pump is designed to pump water only.**

Friction losses in the discharge pipe must be taken into consideration when the horizontal offset is greater than 50 feet. The discharge pipe should be increased from 1 1/2" to 2". This will reduce friction losses and allow the pump to give maximum performance.

More friction losses must also be taken into consideration when many elbows and fittings are installed in the discharge line. Each elbows and fittings must be considered as 1 feet of head.

The float switch of your pump has been pre-set at the factory and does not need any adjustment.

Never run the pump dry. Damage to the seal may occur. Fill pump pit or sump basin with water before turning on the power.

STEP 2 Assuming that you have a sump pit located in your basement floor... Your sump pit may be constructed from concrete, brick, tile or more recently a sump basin made from plastic and/or fiberglass. The minimum size of your sump pit should be 18" in diameter and no less than 25" deep. When pit is ready, proceed to next step.

SUMP PUMP APPLICATION

STEP 3

Prepare your choice of discharge pipe size and check valve

STEP 2

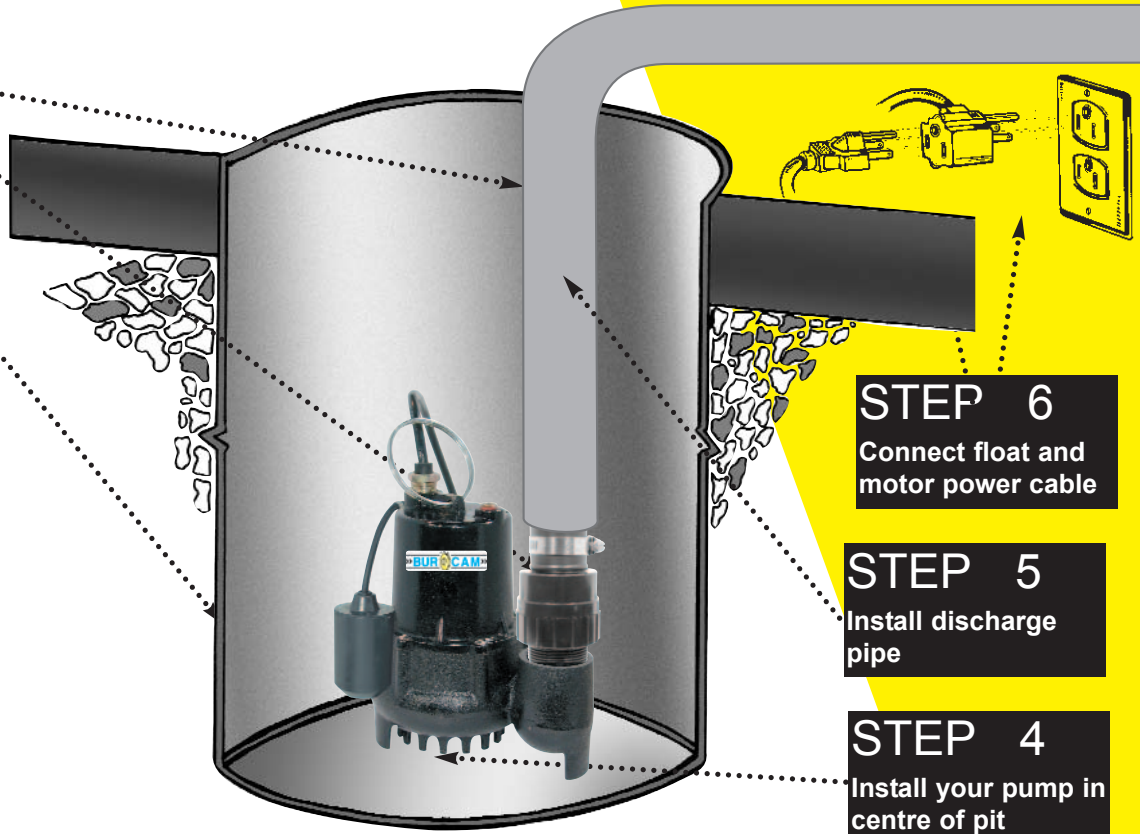
Sump pit 18" diameter X 25" depth

STEP 7

Fill the basin and test the operation

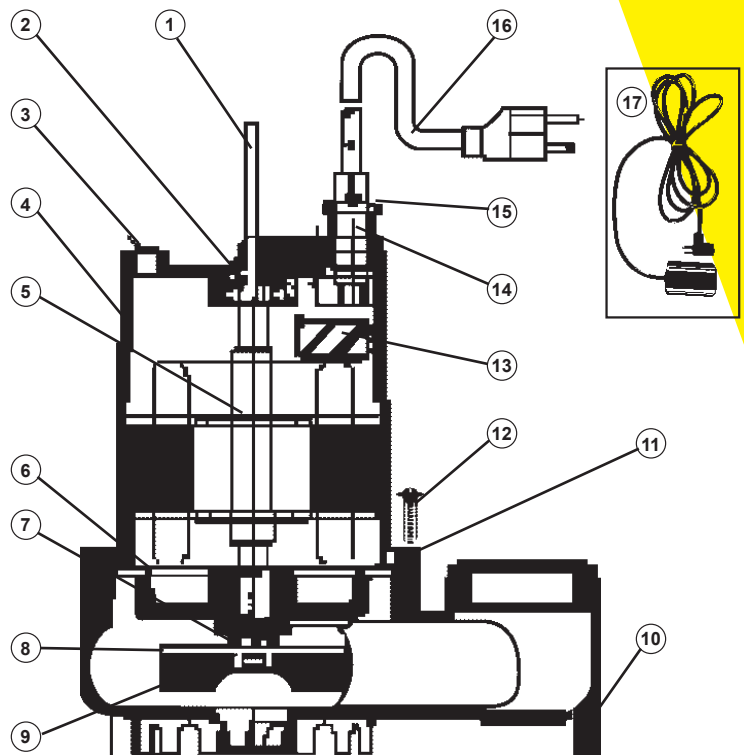
STEP 8

Review and check connections for leaks



REPAIR PARTS

REF.	PART	DESCRIPTION
1	310412	Handle
2	300450	Bearing
3	310414	Top cover screws
4	310415	Motor casing
5	310416	Rotor & shaft
6	310418	Seal cover
7	350311	Oil seal
8	310420	Mechanical seal
9	310421	Impeller
10	310422	Pump casing
11	310424	O-Ring
12	310423	Pump body screws (6)
13	310425	Stator assembly
14	310426	Packing
15	310427	Cable screws
16	310428	Power cable
17	450453	Mechanical float switch



Repair parts may be ordered from your authorized point of sale or from
BUR-CAM PUMPS

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