

Safety Information (continued)



WARNING: Support the pump and piping when assembling and when installed. Failure to do so may cause the piping to break, pump to fail, motor bearing failures, etc.



WARNING: This pump's motor housing is filled with a dielectric oil for motor heat transfer and lifetime lubrication of the bearings. This oil is non-toxic to aquatic life. However, suffocation can occur if oil is left on the water surface. If oil escapes the motor housing it can be removed from the surface quickly by placing newspapers on the water surface to soak up the oil.



WARNING: The pump motor is equipped with an automatic resetting thermal protector and may restart unexpectedly. Protector tripping is an indication of the motor overloading as a result of excessively high or low voltage, inadequate wiring, incorrect motor connections, or a defective motor or pump.

ELECTRICAL SAFETY



WARNING: Check the pump label for proper voltage required. Do not connect to voltage other than that shown.



WARNING: If pump is supplied with a 3-prong electrical plug, the third prong is to ground the pump to prevent possible electrical shock hazard. DO NOT REMOVE the third prong from the plug. A separate branch circuit is recommended. Do not use an extension cord. Do not cut the plug from the cord. If the plug is cut or the cord is shortened, then this action will void the warranty.



WARNING: If the cord is equipped with stripped lead wires, such as on 230v models, be sure that the lead wires are connected to a power source correctly. The (green/yellow) wire is the ground. The (blue or white) and (brown or black) are live.



WARNING: Check local electrical and building codes before installation. The installation must be in accordance with their regulations as well as the most recent National Electrical Code (NEC).



WARNING: To conform to the National Electrical Code all pumps must be wired with 14 AWG or larger wire. For runs to 250 ft., 14 AWG wire is sufficient. For longer runs consult a qualified electrician or the factory.



WARNING: The pump should be connected or wired to its own circuit with no other outlets or equipment in the circuit line. Fuses and circuit breaker should be of ample capacity in the electrical circuit.



WARNING: The flexible PVC jacketed cord assembly mounted to the pump must not be modified in any way, with the exception of shortening the cord to fit into a control panel. Any splice between the pump and the control panel must be made within a junction box and mounted outside of the basin and comply with the National Electrical Code.

Warranty

The manufacturer warrants this product to be free of defects in material and workmanship for a period of three (3) years from the date of original retail purchase, WHEN installed in a domestic water systems application and pumping potable water only. This warranty does not cover applications pumping saltwater or other corrosive liquids. Consult and adhere to local codes for all applications.

The manufacturer's obligation with regard to equipment not of its own manufacture is limited to the warranty extended to the manufacturer by its suppliers.

This warranty extends only to the original retail purchaser and only during the time in which the original retail purchaser occupies the site where the product was originally installed. Requests for service under this warranty shall be made by contacting The Home Depot as soon as possible after the discovery of any alleged defect. The manufacturer will subsequently take corrective action as promptly as reasonably possible.

Warranty (continued)

The manufacturer at its discretion may replace or repair any product that fails under this warranty after inspection by an authorized company representative or after the manufacturer has received the product at our factory. Replacement or repair cannot be made until after the product is inspected. All charges or expenses for freight to and from the factory, removal and reinstallation of the product, or installation of a replacement product are the responsibility of the purchaser.

THIS WARRANTY SUPERSEDES ANY WARRANTY NOT DATED OR BEARING AN EARLIER DATE. ANY IMPLIED WARRANTIES WHICH THE PURCHASER MAY HAVE, INCLUDING MERCHANT ABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL NOT EXTEND BEYOND THE APPLICABLE WARRANTY PERIOD.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. IN NO EVENT SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above may not apply to you.

This warranty does not apply to any product which has been subjected to negligence, alteration, accident, abuse, misuse, improper installation, vandalism, civil disturbances, or acts of God. The only warranties authorized by the manufacturer are those set forth herein. The manufacturer does not authorize other persons to extend any warranties with respect to its products, nor will the manufacturer assume liability for any unauthorized warranties made in connection with the sale of its products.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

Contact the Customer Service Team at 1-844-883-1872 or visit www.HomeDepot.com.

Pre-Installation

BEFORE FIRST USE

Carefully examine the pump and all parts to ensure no parts are damaged. If any part of the pump appears to be damaged, do not use this pump and contact the Customer Service Team at 1-844-883-1872.

INTENDED USE

This is a submersible sump pump for use in basins or lift stations and suitable for pumping liquids with up to 1/2 in. (5/8 in. for HDS75) spherical solids.

INSTALLATION REQUIREMENTS

This pump is provided with an on/off float switch for automatic operation. Refer to the Installation instructions included with switches and controllers for installation.

Care should be taken to prevent the pump from running in a dry sump.

The pump must be installed in a suitable gas-tight basin which is a minimum of 14 in. in diameter and a minimum of 22 in. deep and vented in accordance with local plumbing codes.

The pump must be placed on a hard level surface. Never place the pump directly on clay, earth or gravel surfaces.

The pump can be installed with ABS, PVC, polyethylene or galvanized steel pipe. Proper adapters are required to connect plastic pipe to the pump.

Always install a union in the discharge line, just above the sump pit, to allow for easy removal of the pump for cleaning or repair.

A check valve must be used in the discharge line to prevent back flow of liquid into the basin. The check valve should be a free flow valve that will easily pass solids.



CAUTION: For best performance of check valves when handling solids, install in a horizontal position or at an angle of not more than 45°. Do not install a check valve in a vertical position as solids may settle in the valve and prevent opening during start-up.

This pump uses an air evacuation method called a “weep hole”. The weep hole allows air to escape the pump casting to prevent air lock. When the water is pumped down to a low level, some water may stream out of the weep hole. This is normal operation.

A gate valve should follow the check valve to allow periodic cleaning of the check valve or removal of the pump.

The remainder of the discharge line should be as short as possible with a minimum of turns to minimize friction head loss. Do not restrict the discharge to sizes below 1-1/2 in..

Sewage and effluent applications will require a separate sump vent. A connection is provided on top of the sump or cover which must be piped to the existing building vent or extended outside with its own standpipe.