

Limited Warranty

Manufacturer warrants, to the purchaser and subsequent owner during the warranty period, every new product to be free from defects in material and workmanship under normal use and service, when properly used and maintained, for a period of two years from date of purchase. Proof of purchase is required. Parts that fail within the warranty period that inspections determine to be defective in material or workmanship will be repaired, replaced or remanufactured at Manufacturer's option, provided however, that by so doing we will not be obligated to replace an entire assembly, the entire mechanism or the complete unit. No allowance will be made for shipping charges, damages, labor or other charges that may occur due to product failure, repair or replacement.

This warranty does not apply to and there shall be no warranty for any material or product that has been disassembled without prior approval of Manufacturer, subjected to misuse, misapplication, neglect, alteration, accident or uncontrollable act of nature; that has not been installed, operated or maintained in accordance with Manufacturer's installation instructions; that has been exposed to outside substances including but not limited to the following: sand, gravel, cement, mud, tar, hydrocarbons, hydrocarbon derivatives (oil, gasoline, solvents, etc.), or other abrasive or corrosive substances, wash towels or feminine sanitary products,

etc. in all pumping applications. The warranty set out in the paragraph above is in lieu of all other warranties expressed or implied; and we do not authorize any representative or other person to assume for us any other liability in connection with our products.

Contact Manufacturer at, 3649 Cane Run Road, Louisville, Kentucky 40211, Attention: Customer Support Department to obtain any needed repair or replacement of part(s) or additional information pertaining to our warranty.

MANUFACTURER EXPRESSLY DISCLAIMS LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES OR BREACH OF EXPRESSED OR IMPLIED WARRANTY; AND ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND OF MERCHANTABILITY SHALL BE LIMITED TO THE DURATION OF THE EXPRESSED WARRANTY.

Some states do not allow limitations on the duration of an implied warranty, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

In instances where property damages are incurred as a result of an alleged product failure, the property owner must retain possession of the product for investigation purpose.

Preinstallation Checklist

1. **Inspect your progressing cavity grinder pump.** If the unit has been damaged in shipment, contact your dealer before installing. **Do Not** remove the test plugs in the cover nor the motor housing.
2. **Carefully read all literature** to familiarize yourself with details regarding installation and use. Retain materials for future reference.



⚠ WARNING

SEE BELOW FOR
LIST OF WARNINGS

1. **Make sure pump connection contains a ground terminal.** The power cord on all Zoeller Progressing Cavity Grinder Pumps contains a green conductor for grounding to help protect you against the possibility of electric shock.
2. **Make certain the electrical service is within reach of the power supply cord.**
3. **Make sure any panels and branch circuits are equipped** with proper size fuses and circuit breakers. An independent power circuit is recommended, sized according to the National Electrical Code, for the current shown on the grinder pump nameplate.
4. **For your protection, always disconnect the power source to the grinder pump before handling.** All grinder pumps must be properly grounded and wired in accordance with the "National Electrical Codes" and all local codes and ordinances.
5. Installation of electrical hardware and checking of control panels and circuits should be performed by a qualified licensed electrician.
6. Risk of electrical shock - These pumps have not been investigated for use in swimming pool areas.
7. Prop65 Warning for California residents:

⚠ WARNING : Cancer and Reproductive Harm-
www.P65Warning.ca.gov.

⚠ WARNING Progressing cavity grinder pumps are designed for pressure sewer applications. A UL listed and CSA certified pressure relief valve must be installed in the system to prevent excessive pressure buildup.

⚠ CAUTION

SEE BELOW FOR
LIST OF CAUTIONS

1. **Make sure the power source is capable of handling the electrical requirements of the grinder pump, as indicated on the nameplate.**
2. **A disconnect switch should be installed in the circuit bringing electrical power to the pump.**
3. The progressing cavity grinder pumps are operated by variable level float control switches. It is the responsibility of the installing party to see that float control switches will not hang up on the grinder pump or other pit peculiarities and are secured so that the grinder pump will shut off. It is recommended to use rigid pipe and fittings and the pit be at least 24" in diameter for simplex systems and 36" or larger in diameter for duplex systems.
4. Grinder installations should be checked yearly for debris and/or build up which may interfere with the "ON" or "OFF" positions of variable level float control switches. Repair and service, other than cutter assembly maintenance, should be performed by a Zoeller Authorized Service and Warranty Center or Customer Care Center only.
5. Maximum operating temperature must not exceed 130°F, (54°C).
6. **Do not operate an unsubmerged progressing cavity pump.** Dry pump operation may damage the hydraulic stator due to lack of lubrication. **Do not run dry.**
7. **To ensure proper pump operation, a swing or flapper style check valve must be installed in the pump discharge line. A faulty or non-functional check valve when combined with a pressure sewer may prevent the pump from starting.**



⚠ WARNING **Do not attempt to turn the cutter blades located on bottom of the unit with fingers.** Use a wrench when checking or removing the cutter.

Applications

1. Zoeller Progressing Cavity Grinder Pumps are designed for grinding and pumping sanitary sewage from submersible lift stations. The pump is intended to grind and pump reasonable quantities of items normally found in sanitary sewage applications.
2. Zoeller 810 and 815 Progressing Cavity Grinder Pumps can be installed in new applications or as a replacement for another grinder of like size and capacity.
3. The 810 and 815 can be installed in a Prepackaged Job Ready System or may be used in a Field Assembled basin package. Page 5 shows a couple of the Prepackaged Systems. Field Assembled Systems are discussed on page 3.
4. Zoeller 810 and 815 Grinder Pumps can be retrofitted to existing positive displacement pump installations.