



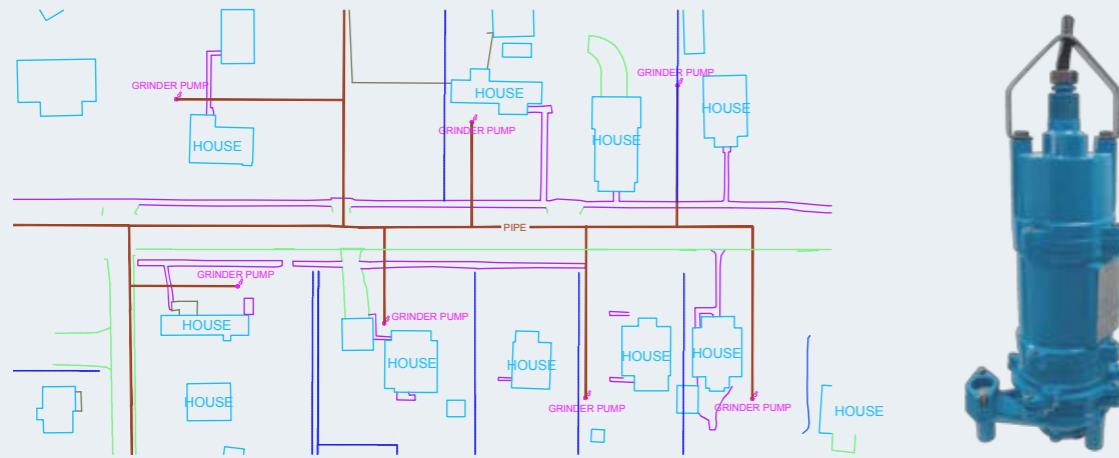
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HOMEOWNERS GUIDE Grinder Pumps / Basins



What is a Low Pressure Sewer?



Your home is served by a low pressure sewer system. The main component of this system is the KEEN PUMP grinder pump. The pump grinds and pumps your waste from the home to the nearest transmission main, lift station, gravity main, or wastewater treatment facility. Your pump is connected to a network of pipes from other pumping units in your area.

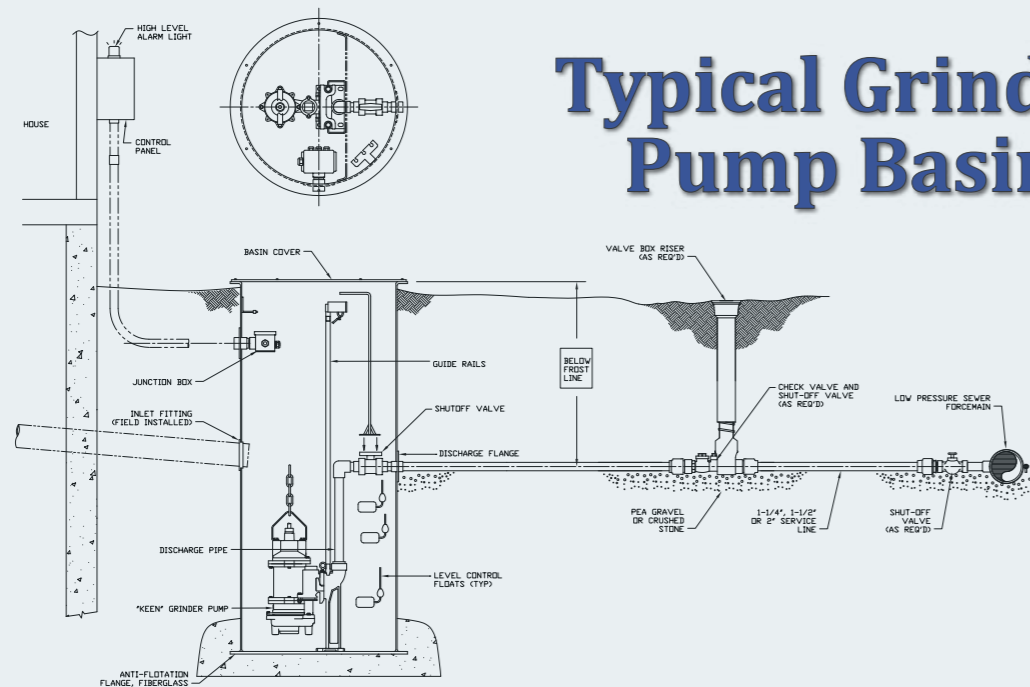
The KEEN PUMP grinder pumps installed are very dependable and will offer many years of worry-free use! The KEEN PUMP system operates like a typical sewer system, taking liquids from your toilet, sink, shower, bath, dishwasher and washing machine and transferring it to the sewer system or wastewater treatment facility.

To avoid blockages and damage to the grinder pump, **NEVER PLACE THE FOLLOWING ITEMS INTO YOUR DRAINS OR TOILET!**

- Personal wipes/Baby wipes (Any products marked “flushable”)
- Cooking grease (Oil)
- Disposable diapers
- Glass/Metal/Wood
- Sanitary napkins/Tampons
- Plastic objects (Bags, toys, etc)
- Socks, Rags or Cloths
- Petroleum based or Flammable materials
- Any Corrosives/Acids
- All Paint products
- Seafood shells
- Abrasive materials (Kitty litter, gravel, sand, aquarium rocks, etc)
- Strong chemicals
- Stormwater runoff



Typical Grinder Pump Basin



If your home has a grinder pump, a fiberglass sewage holding basin has been installed underground on your property and a sewage grinder pump is housed in the basin. The basin cover is round and is the only part that shows above the ground. All of the wastewater from your home flows into the buried basin. When the basin fills to a preset level, the grinder pump automatically turns on, grinds the waste and forces it out of the basin and into the sewage system. The grinder pump normally will run for one or two minutes and will automatically turn off when the basin has been emptied. The pump is programmed to operate in cycles, rather than continuously.

HIGH LEVEL ALARMS: Your grinder pump system is equipped with a RED alarm signal light and/or audible buzzer in the event of high water inside the basin. This indicates a possible problem with your system. Please do the following:

1. Call your local utility provider.
2. Limit water usage as much as possible (no laundry, water softener, etc.)

In the event of a power outage, your grinder pump will not operate. Please keep water use to a minimum **WARNING!** If you decide to use a power generator during a power outage **DO NOT ATTEMPT TO CONNECT THE GENERATOR TO THE GRINDER PUMP WITHOUT CONSULTING A CERTIFIED ELECTRICIAN.**

If your grinder pump sits idle for an extended period of time more than 1 week (vacation), the following steps should be taken to minimize odors.

1. Run water from house long enough for grinder pump to begin pumping.
2. After pump turns on, turn off water inside house.
3. Grinder pump will run until basin is empty and will shut off.
4. Leave electrical power on.