




SAFETY INFORMATION

This manual contains important instructions that should be followed during installation, operation, and maintenance of the product.

 This is the safety alert symbol. When you see this symbol on your pump or in this manual, look for one of the following signal words and be alert to the potential for personal injury!


 **DANGER** indicates a hazard which, if not avoided, will result in death or serious injury.

 **WARNING** indicates a hazard which, if not avoided, can result in death or serious injury.

 **CAUTION** indicates a hazard which, if not avoided, can or may result in minor or moderate injury.

NOTE: addresses practices not related to personal injury.

CALIFORNIA PROPOSITION 65 WARNING

 **WARNING** This product and related accessories contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

GENERAL CAUTION STATEMENTS

Carefully read and follow all safety instructions in this manual and on pumps. Keep safety labels in good condition. Replace missing or damaged safety labels.

- ◆ "Intermittent Duty" is defined as; operated and/or frequently started within a period of time that would cause the motor to reach its maximum thermal limits. Once the maximum thermal limit is obtained, the motor must be allowed to return to ambient temperature before resuming operation.
- ◆ **DO NOT** use to pump flammable liquids. Never operate the pump in an explosive environment. Arcing from the motor brushes, switch or excessive heat from an improperly cycled motor may cause an explosion.
- ◆ **DO NOT** assume fluid compatibility. If the fluid is improperly matched to the pumps' elastomers, a leak may occur. Pumps used to transfer hazardous or hot (max. temperature 170°F [76°C] Viton® only) chemicals must be in a vented area to guard against the possibility of injury due to harmful or explosive liquid/vapors.

- ◆ **DO NOT** operate the pump at pressures which cause the motor to exceed the ampere rating indicated on the name plate. Various pump models are equipped with thermal breakers to interrupt operation due to excessive heat. Once the temperature of the motor is within proper limits it will automatically reset, and the pump will start operation without warning.
- ◆ To prevent electrical shock, disconnect power before initiating any work. In the case of pump failure, the motor housing and/or the pumped fluid may carry high voltage to components normally considered safe.
- ◆ Improper adjustment of the pressure switch may cause severe overload or premature failure. Refer to SHURflo Service Bulletin #1031 for the adjustment procedure. Failures due to improper adjustment of the pressure switch will not be covered under the limited warranty.
- ◆ **DO NOT** locate the motor near low temperature plastics or combustible materials. The surface temperature of the motor may exceed 250° F [120° C].
- ◆ Electrical wiring should be performed by a qualified electrician, in accordance with all local electrical codes.
- ◆ All 115 VAC and 230 VAC pump motors and systems, MUST be grounded per local and state electrical codes.