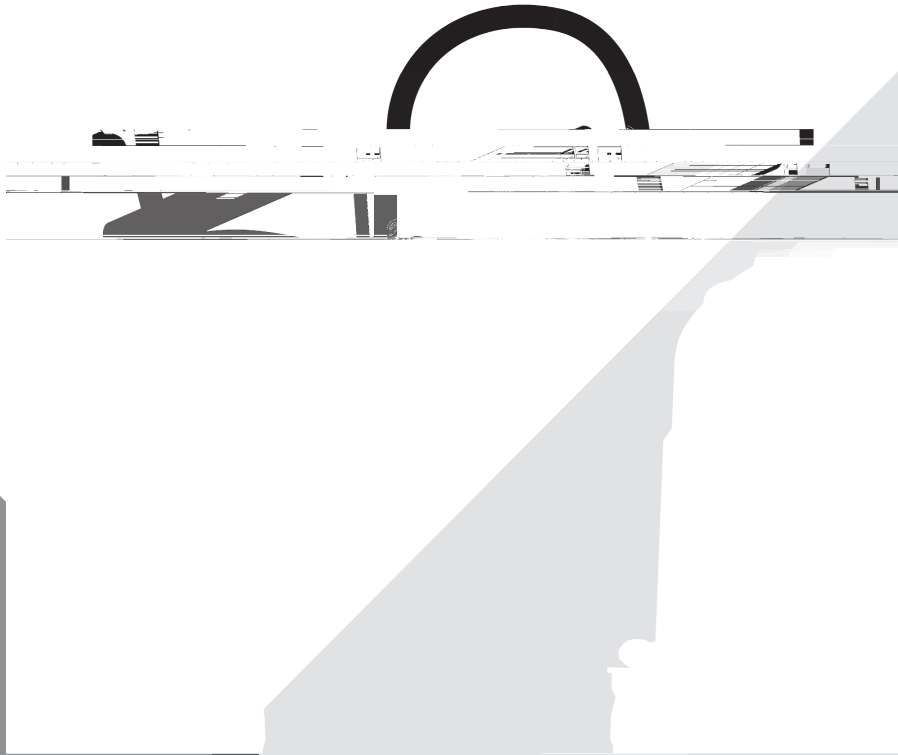




SUBMERSIBLE SEWAGE EJECTOR PUMP MSKV50



INSTALLATION AND OPERATION MANUAL

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GENERAL SAFETY

IMPORTANT SAFETY INSTRUCTIONS

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**

9. Check the seal. Remove the rotating portion of seal (6) from shaft by inserting a screwdriver under the edge of the seal and lifting it off. Inspect the seal face for any nicks or an uneven seating of seal face. If any are present, replace the seal. (See Step 14.) Remove rotor and shaft. Tap the rotor shaft (5) at the impeller end of the shaft with a plastic mallet to remove the rotor and shaft. Inspect the bearings. If they do not rotate freely and smoothly, they should be replaced.
10. Remove rotor and shaft. Tap the rotor shaft (5) at the impeller end of the shaft with a plastic mallet to remove the rotor and shaft. Inspect the bearings. If they do not rotate freely and smoothly, they should be replaced.
11. Remove seal. Remove the old stationary portion of the seal (7) from the seal plate by inserting a screwdriver into the seal housing of the seal plate from the top of the case and tapping lightly with a hammer. Clean the seal area of the seal plate (8) with a clean cloth.
12. Reinstall the rotor and shaft assembly. Push on outer face to seat bearing in seal plate.
13. Reinstall seal. Apply a good lubricant to the new stationary portion of the seal (7) and press into the seal plate. Coat the new rotating portion of seal with lubricant and press into place on the rotor shaft with the rubber ring facing the impeller.
14. Reinstall impeller. Add a drop of Loctite 222 to the shaft and screw the impeller on hand tight. The impeller will force the rotating portion of seal into position.
15. Replace seal ring. Remove the old square seal ring from the seal plate and stretch on a new ring coated with O-ring lube. Do not roll the ring onto the seal plate or improper seating and water leakage into the motor housing will result.
16. Reinstall the stator. Place the stator (4) in the seal plate (8) so the stator bolt holes line up. Lay the stator plate on the stator (4) and line up with stator bolt holes. Put in the stator bolts and tighten evenly to prevent cocking of the stator.

Connect the capacitor to the capacitor leads. Push the connectors of the th the

