

CONTENTS

INTRODUCTION/WARRANTY	2
PUMP PERFORMANCE	3
MAJOR COMPONENTS	3
INSTALLATION	4-5
ELECTRICAL	5-6
OPERATION	7
MAINTENANCE	7-9
HELPFUL HINTS	10
TROUBLESHOOTING GUIDE	11
REPAIR PARTS	12-14

INTRODUCTION

Please read our instructions before installing and using your Shallow Well Water System. This will help you obtain the full benefits of the quality and convenience built into this equipment. It will also help you avoid any needless service expense resulting from causes beyond our control which are not covered by our warranty.

FULL ONE YEAR WARRANTY ON CRAFTSMAN® WELL PUMP

For one year from the date of purchase, Sears will repair or replace well pump, free of charge, if defective in material or workmanship.

LIMITED WARRANTY ON CRAFTSMAN® PROFESSIONAL HYDRO-GLASS® WELL PUMP

After one year and through three years from the date of purchase, Sears will furnish, free of charge, a replacement part for any defective part. You pay labor.

FULL FIVE YEAR WARRANTY ON CRAFTSMAN® CAPTIVE AIR TANK

For five years from date of purchase, Sears will repair or replace the tank, free of charge, if defective in material or workmanship.

This warranty does not cover repairs or replacement parts necessary because of abuse or negligence, including failure to install, adjust and operate this pump according to the instructions in the owners manual.

LIMITATION OF LIABILITY

SEARS WILL NOT BE LIABLE FOR LOSS OR DAMAGE TO PROPERTY OR ANY INCIDENTAL OR CONSEQUENTIAL LOSS OR EXPENSE FROM PROPERTY DAMAGE DUE DIRECTLY OR INDIRECTLY FROM THE USE OF THIS PRODUCT.

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.

WARRANTY SERVICE IS AVAILABLE BY SIMPLY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES.

This warranty applies only while this product is in the United States.

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

Sears, Roebuck and Co., Dept. 817WA, Hoffman Estates, IL 60179

READ AND FOLLOW SAFETY INSTRUCTIONS!

Carefully read and follow all safety instructions in this manual or on pump.

⚠ 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 warns about hazards that **will** cause serious personal injury, death or major property damage if ignored.

⚠ WARNING warns about hazards that **will** or **can** cause serious personal injury, death or major property damage if ignored.

⚠ CAUTION warns about hazards that **will** or **can** cause minor personal injury or property damage if ignored.

The word **NOTICE** indicates special instructions which are important but not related to hazards.

⚠ CAUTION Never run pump dry. Running pump without water may cause pump to overheat, damaging seal and possibly causing burns to persons handling pump. Fill pump with water before starting.

⚠ WARNING Never run pump against closed discharge. To do so can boil water inside pump, causing hazardous pressure in unit, risk of explosion and possibly scalding persons handling pump.

⚠ CAUTION Motor normally operates at high temperature and will be too hot to touch. It is protected from heat damage during operation by an automatic internal cutoff switch. Before handling pump or motor, stop motor and allow to cool for 20 minutes.

1. To avoid risk of serious bodily injury and property damage, read safety instructions carefully before installing pump.
2. Follow local and/or national plumbing and electrical codes when installing pump.
3. Keep well covered while installing pump to prevent leaves and other debris from falling into well, contaminating well and possibly damaging pump.
4. Protect pump and piping system from freezing. Allowing pump or water system to freeze could severely damage pump and voids warranty.

⚠ WARNING To avoid serious injury and equipment damage, limit system pressure to 100 pounds per square inch (PSI) or below at all times. Overpressure can cause tank blowup; install relief valve capable of passing full pump volume at 100 PSI.

5. With a new well, test well for purity before use. Consult local Health Department for procedure.

⚠ WARNING Hazardous voltage. Can shock, burn, cause death, or start fires.