

Limited Warranty

For one year from the date of purchase, Wayne Water Systems ("Wayne") will repair or replace, at its option, for the original purchaser any part or parts of its Sump Pumps or Water Pumps ("Product") found upon examination by Wayne to be defective in materials or workmanship. Please call Wayne (800-237-0987) for instructions or see your dealer. Be prepared to provide the model number when exercising this warranty. All transportation charges on Products or parts submitted for repair or replacement must be paid by purchaser.

This Limited Warranty does not cover Products which have been damaged as a result of accident, abuse, misuse, neglect, improper installation, improper maintenance, or failure to operate in accordance with Wayne's written instructions.

THERE IS NO OTHER EXPRESS WARRANTY. IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR FROM THE DATE OF PURCHASE. THIS IS THE EXCLUSIVE REMEDY AND ANY LIABILITY FOR ANY AND ALL INDIRECT OR CONSEQUENTIAL DAMAGES OR EXPENSES WHATSOEVER IS EXCLUDED.

Some states do not allow limitations on how long an implied warranty lasts, or do not allow the exclusions or limitations of incidental or consequential damages, so the above limitations might not apply to you. This limited warranty gives you specific legal rights, and you may also have other legal rights which vary from state to state.

In no event, whether as a result of breach of contract warranty, tort (including negligence) or otherwise, shall Wayne or its suppliers be liable for any special, consequential, incidental or penal damages including, but not limited to loss of profit or revenues, loss of use of the products or any associated equipment, damage to associated equipment, cost of capital, cost of substitute products, facilities, services or replacement power, downtime costs, or claims of buyer's customers for such damages.

You **MUST** retain your purchase receipt along with this form. In the event you need to exercise a warranty claim, you **MUST** send a **copy** of the purchase receipt along with the material or correspondence. Please call Wayne (800-237-0987) for return authorization and instructions.

DO NOT MAIL THIS FORM TO WAYNE. Use this form only to maintain your records.

MODEL NO. _____ SERIAL NO. _____ INSTALLATION DATE _____

ATTACH YOUR RECEIPT HERE

Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.



Self-Priming Transfer Pumps

Description

These self-priming transfer pumps are designed to easily transfer water from one point to another. Model PC1, 12 Volt Transfer Pump is convenient when normal power is not readily available. Typical applications include removing water from pool covers, clogged drains, stock tanks, water basins, boats, cisterns, etc. Model PC2, 115 Volt Transfer Pump is great for household usage. Typical applications include removing water from waterbeds, clogged sinks, basements, etc. Note: Do NOT use PC2 in pool areas. The motors on both models PC1 and PC2 are non-submersible with overload protection.

Safety Guidelines

This manual contains information that is very important to know and understand. This information is provided for SAFETY and to PREVENT EQUIPMENT PROBLEMS. To help recognize this information, observe the following symbols.

⚠ DANGER Danger indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING Warning indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION Caution indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

ℹ NOTICE Notice indicates important information, that if not followed, may cause damage to equipment.

General Safety Information

⚠ DANGER Do not submerge motor or allow motor to be exposed to water. Personal injury and/or death could result. Keep pump and power cords away from liquids. Model PC1 becomes very hot during operation.

⚠ DANGER Do not pump gasoline or other explosive liquids. Do not operate pump where flammable or explosive fumes or gases are present as a fire or explosion could result. Pump should only be used to pump clear water. Do not run pump dry.



1. Read all instructions before operation.
2. Protect electrical cord from sharp objects, hot surfaces, oil and chemicals. Avoid kinking the cord and replace damaged cords immediately.

⚠ CAUTION This pump has been evaluated for use with water only.

Installation

Models PC1 and PC2 include a 6' suction hose, a water suction attachment, and a replacement parts kit which includes: impeller, gasket, shaft seal, and two motor brushes. Models PC1 and PC2 can be used without the water suction attachment.

⚠ DANGER Always disconnect power source before attempting to install, service, or maintain the pump. Never handle a pump with wet hands or when standing on wet or damp surface or in water. Fatal electrical shock could occur.



1. A ground fault circuit interrupter (GFCI) is required for Model PC2.

⚠ WARNING Risk of electrical shock! This pump is supplied with a grounding conductor and grounding type attachment plug. A grounded receptacle in conformance with current NEC and local codes must be used (See Figure 1). Do not use model PC2, 115 V Transfer Pump in swimming pool areas.



2. Model PC1 operates on 12V DC only. Model PC2 operates on 115V only. Voltage and current of power supply must match the requirements of the pump. Model PC1 has color-coded battery clamps for 12V operation. Model PC1 requires 14 amps at 12 VDC.
3. Never use an extension cord to power this unit.

⚠ WARNING Risk of fatal electrical shock. Never cut off the round grounding prong. Cutting the cord or plug will void the warranty and make the pump inoperable.



4. Use a strainer when pumping from a creek, pond, or source where foreign objects may be sucked into the pump. The strainer should prevent solids from entering the inlet line.
5. A regular garden hose may be used as a discharge line.
6. Pump operation will be seriously hindered or prevented if the inlet hose is over 15 feet long or if the vertical pumping distance exceeds 10 feet.

REMINDER: Keep your dated proof of purchase for warranty purposes! Attach it to this manual or file it for safekeeping.

Troubleshooting Chart

Symptom	Possible Cause(s)	Corrective Action
Pump will not start or run	1. Blown fuse 2. Low line voltage 3. Worn brushes 4. Impeller blocked 5. Motor has overheated (Model PC2 only)	1. If blown, replace with proper sized fuse or reset breaker 2. Voltage of power supply must match the voltage of the pump 3. Replace brushes 4. Remove blockage 5. Disconnect from power supply and allow to cool (Min. 10 minutes)
Pump will not prime or retain prime after operating	1. Air leak in suction line 2. Impeller blocked 3. Worn seal 4. Suction lift too high 5. Hose kinked or looped 6. Fittings not tight 7. Suction hose out of water 8. Clogged inlet	1. Repair suction line by tightening inlet connection or replace 2. Remove blockage 3. Replace seal 4. Lower pump 5. Straighten hose 6. Tighten fittings 7. Submerge suction hose end 8. Clean inlet
Flow rate is too low	1. Inlet hose plugged or kinked 2. Low line voltage	1. Clean or replace 2. Voltage of power supply must match the voltage of the pump
Shaft seal leaks	1. Worn seal 2. Shaft grooved 3. Pump head loose on motor	1. Replace seal 2. Replace pump 3. Insure proper assembly and no obstruction, tighten bolts

For Replacement Parts, call 1-800-237-0987

Kit No.	Description	Part Number		Qty.	Please provide following information: -Model number -Part description and number as shown in parts list
		PC1	PC2		
1.	Brush and Impeller Kit	66062-WYN1	66058-WYN1	1	Address parts correspondence to: Wayne Water Systems 100 Production Drive Harrison, OH 45030 U.S.A.
	A. Impeller			1	
	B. Gasket			2	
	C. Shaft Seal			1	
	D. Retaining Ring			1	
2.	Impeller Kit	66059-WYN1	66059-WYN1	1	
	A. Impeller			1	
	B. Gasket			2	
	C. Shaft Seal			1	
	D. Retaining Ring			1	
3.	Brush Kit	66063-WYN1	66060-WYN1	1	
	E. Brushes			2	
4.	Water Suction Attachment	66064-WYN1	66064-WYN1	1	
	F. Water Suction Attachment			1	
	G. 6 ft. Suction Hose			1	

NOTE: Replacement parts are available in kit form only

