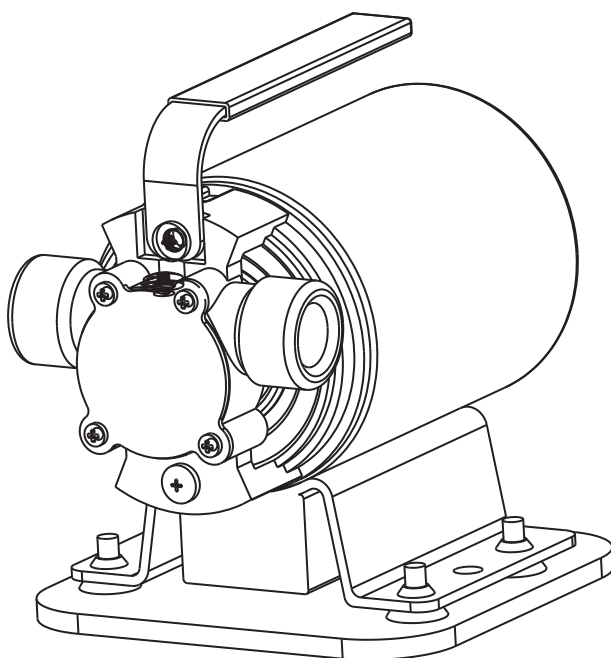


model no. 062-3421-2



Non-submersible
UTILITY TRANSFER PUMP



IMPORTANT:

Please read this manual carefully before running this pump and save it for reference.

**INSTRUCTION
MANUAL**

TABLE OF CONTENTS

Technical Specifications	4
Safety	5
Installation Instructions	7
Key Parts Diagram	9
Troubleshooting	10
Warranty	11

NOTE:

If any parts are missing or damaged, or if you have any questions, please call our toll-free helpline at 1-800-689-9928.



SAVE THESE INSTRUCTIONS

This manual contains important safety and operating instructions.
Read all instructions and follow them with use of this product.

model no. 062-3421-2 | contact us 1-800-689-9928

TECHNICAL SPECIFICATIONS

Model Number	062-3421-2
Voltage	115 V / 60 Hz
Horsepower	1/10 HP
Amps	1.8 A
Max. Head	46' (14 m)
Max. Flow	384 U.S. GPH (1454 L/h)
Discharge Size	3/4" (1.9 cm)
Power Cord Length	7' (2.13 m)

PERFORMANCE

0' (0 m)	10' (3 m)	20' (6.1 m)	30' (9.1 m)	40' (12.2 m)	Max. Head
384 GPH (1454 L/h)	345 GPH (1306 L/h)	296 GPH (1120 L/h)	211 GPH (799 L/h)	148 GPH (560 L/h)	46' (14 m)

SAFETY

WARNING

- This pump is not submersible! Do not stand in water while this pump is plugged in, and do not get the motor wet as it could cause electrocution, which could lead to serious injury or death.
- Always make sure the pump is unplugged as soon as the water level reaches 1/8" (3.2 mm). At water levels less than 1/8" (3.2 mm), the pump is attempting to pump air, which will cause the pump to overheat and wear out. Running the pump without sufficient water will damage the pump and void the pump's warranty.
- When the pump is running dry, it will be EXTREMELY LOUD. This is a sign to unplug the pump.
- You must use the included clear suction hose on the inlet of this pump, as marked on the pump.
- Always use the suction strainer included with this pump to prevent debris from damaging the pump.
- Do not pump flammable or explosive liquids such as oil, gasoline, kerosene, ethanol, etc. Do not use in the presence of flammable or explosive vapours. Using this pump with or near flammable liquids can cause an explosion or fire, resulting in property damage, serious personal injury and/or death.
- Always disconnect the pump from its power source before inspection.
- Do not stand in water when the pump is connected. Do not handle pump with wet hands.
- Do not touch the pump housing while it is operating, as the pump may be HOT and can cause serious skin burns.

CAUTION

- This pump is designed to pump only water. This pump is designed for portable applications. It can drain or remove water from the following: flooded areas, pool covers, clogged sinks, waterbeds, water basins, boats, stock tanks, etc. It can also be used to fill tanks or water beds. This pump has not been tested or approved for use in swimming pools or in salt-water marine areas. This pump should not be used as a replacement for a sump pump.
- This pump cannot be used in sewage applications. Doing so will void warranty.
- This pump is made of high-strength materials. It will provide trouble-free service for many years when properly installed, maintained, and used. However, inadequate electrical power to the pump, or blockage by ice, dirt, or debris may cause the pump to fail, potentially bringing about additional water damage. To minimize the potential for water damage due to pump failure, please read the section of this manual regarding common pump problems and remedies or call 1-800-689-9928.

ADDITIONAL SAFETY PRECAUTIONS

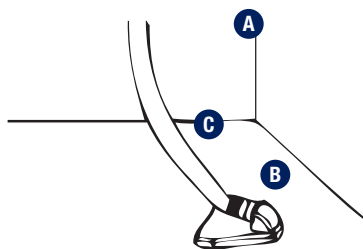
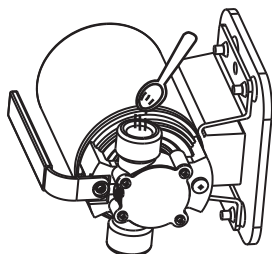
1. Know the pump applications, limitations, and potential hazards.
2. Make certain the electrical power source is adequate for the requirements of the pump.
3. ALWAYS disconnect the power to the pump and drain all water from the system before servicing.
4. Secure the pump on a solid base to prevent the pump from tipping over and possibly falling into the water.
5. Secure the discharge hose before starting the pump. Pump torque may cause an unsecured discharge hose to “whip”, possibly causing personal injury and/or property damage.
6. Before using the pump, check the hose for holes or excess wear, which could cause leaks, and be sure hose is not kinked or making sharp angles. A straight hose allows the pump to move the greatest amount of water quickly.
7. Check that all hose connections are tight to minimize leaks.
8. Connect the pump DIRECTLY to a grounded, GFCI outlet.
9. Extension cords may not deliver sufficient voltage to the pump motor. If an extension cord must be used, use no more than a 25' (7.6 m), 3-prong, 16 AWG, outdoor-grade cord.
10. Make certain the electrical circuit to the pump is protected by a 5 A minimum (15 A maximum) fuse or circuit breaker.
11. Periodically inspect pump and system components to be sure pump inlets are free of mud, sand, and debris. DISCONNECT PUMP FROM THE POWER SUPPLY BEFORE INSPECTING.
12. Wear safety glasses at all times when working with pumps.
13. Follow all electrical and safety codes, particularly the National Electrical Code (NEC) or the Canadian Electrical Code (CEC), and in the workplace, the Occupational Safety and Health Act (OSHA) or the Canadian Centre for Occupational Health and Safety (CCOHS).
14. This unit is designed only for use on 115 V (single phase), 60 Hz, and is equipped with an approved 3-conductor cord and 3-prong grounded plug. DO NOT REMOVE THE GROUND PIN UNDER ANY CIRCUMSTANCES. The 3-prong plug must be directly inserted into a properly installed and grounded 3-prong, grounding-type receptacle. Do not use pump with a 2-prong wall outlet. Replace the 2-prong outlet with a properly grounded 3-prong receptacle (a GFCI outlet) installed in accordance with the NEC or CEC and local codes and ordinances. All wiring should be performed by a qualified electrician.
15. Protect the electrical cord from sharp objects, hot surfaces, oil, and chemicals. Avoid kinking the cord. Do not use damaged or worn cords.

PREPARATION

Estimated Assembly Time: 5 minutes

Materials Required for Assembly (not included): Garden Hose (50'/15.2 m max. length)

- 1 Add water (approximately 1 – 2 Tbsp/15 – 30 mL) into inlet to wet the impeller of the pump (A).

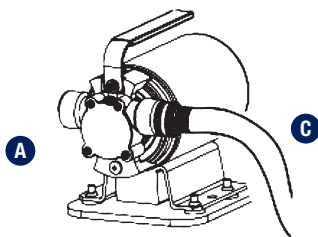


- 2 Attach suction hose (C) by pushing the male threaded end into the rubber suction strainer (B). Then, place the strainer in at least 1/2" (12.7 mm) of water at the lowest point to be pumped.

NOTICE: Make sure the connection is airtight. An air leak can cause the pump (A) to run dry.

- 3 Thread the other end of the suction hose (C) to the suction inlet of the pump (A).

Make sure the suction hose (C) and suction strainer (B) are in the water before plugging in the pump (A).

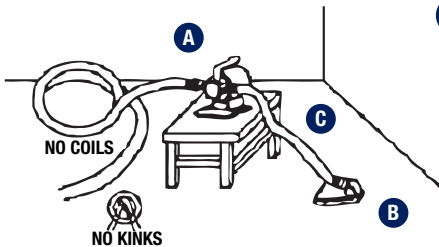
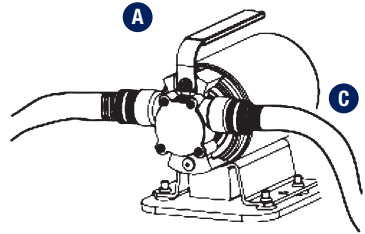


WARNING:

Always use handle to lift pump. Never use power cord to lift pump. To avoid skin burns, unplug and allow time for the pump to cool after periods of extended use.

- 4** Thread a 5.8" (15.9 mm) or larger garden hose (sold separately, 50'/15.2 m max. length) onto the discharge outlet of the pump (A).

NOTICE: Make sure the end of the outlet hose is not under water. If the outlet is under water, the pump may not work.



- 5** Attach the pump (A) to a sturdy base (table, board, etc.) to prevent it from tipping over. Make sure the hoses are as straight as possible.

NOTICE: DO NOT coil or kink the hoses.



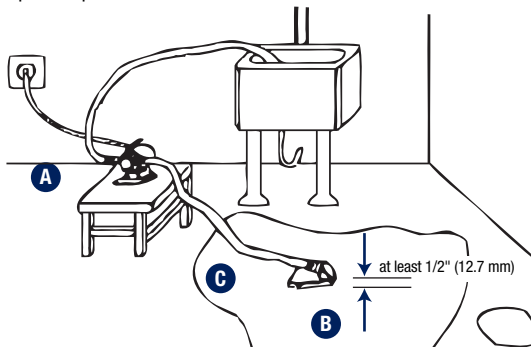
WARNING:

This pump CANNOT be submersed in water, and the motor CANNOT get wet at all. Getting the motor wet could cause electrocution, which could lead to serious injury or death!

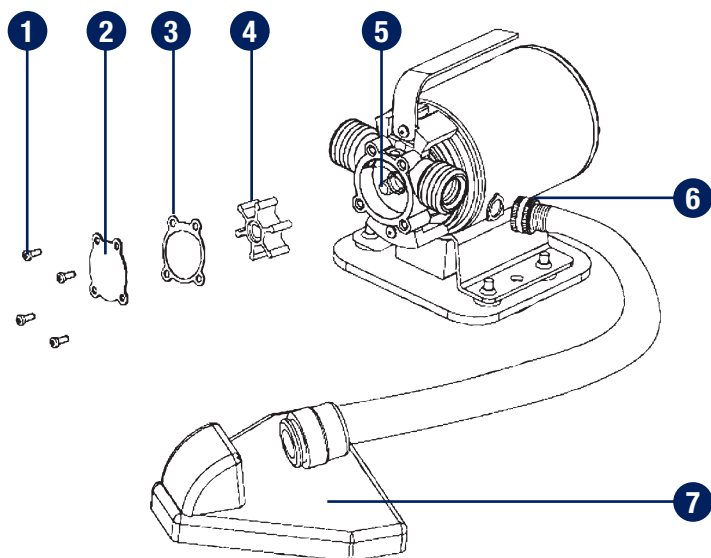
- 6** To operate, plug the pump (A) into a GFCI outlet.

NOTICE: This pump can be very loud when plugged in. THIS IS NORMAL. Once water begins to pump, the noise will dissipate. When the water level has been reduced to approximately 1/8" (3.2 mm), you MUST UNPLUG THE PUMP. DO NOT RUN DRY. The pump will be EXTREMELY LOUD when the pump is no longer pumping water.

NOTICE: If water is not pumped in 30 seconds, unplug the power cord and check the connection on the two ends of the inlet hose to make sure there are no air leaks. Then, add water into the inlet again and repeat the process.



KEY PARTS DIAGRAM



PARTS LIST

No.	Description	No.	Description
1	Screw	5	Shaft
2	Impeller cover	6	Hose connection
3	O-ring	7	Strainer
4	Impeller		

TROUBLESHOOTING

Problem	Possible Cause	Corrective Action
Pump does not start or run.	<ol style="list-style-type: none"> 1. Blown fuse. 2. Tripped breaker. 3. Plug disconnected. 4. Corroded plug. 5. Motor overheated. 	<ol style="list-style-type: none"> 1. Replace fuse. 2. Reset breaker. 3. Secure plug. 4. Clean plug prongs. 5. Unplug the power and wait for 30 minutes, then plug in the power cord.
Pump doesn't prime.	<ol style="list-style-type: none"> 1. Air leak in suction line. 2. Impeller clogged. 3. Impeller worn or damaged. 4. Impeller dry. 	<ol style="list-style-type: none"> 1. Repair suction line by tightening hose connection. 2. Remove blockage. 3. Replace impeller. 4. Add water to the pump inlet.
Flow rate too low.	<ol style="list-style-type: none"> 1. Hose kinked or coiled. 2. Strainer or hose blocked. 3. Discharge hose too long. 4. Worn impeller. 	<ol style="list-style-type: none"> 1. Straighten hose. 2. Clean strainer or hose. 3. Shorten the hose (50'/15.2 m max.). 4. Replace the impeller.

WARRANTY

PLEASE DO NOT ATTEMPT TO OPEN OR REPAIR THE PUMP YOURSELF. DOING SO
COULD VOID THE WARRANTY AND CAUSE DAMAGE OR PERSONAL INJURY.

This Mastercraft product carries a three (3) year LIMITED warranty against defects in
workmanship and materials. This product is not guaranteed against wear or breakage
due to misuse and/or abuse.

Made in China

Imported by

Mastercraft Canada Toronto, Canada M4S 2B8