

FEATURES

PRODUCT SPECIFICATIONS

Motor 18 V DC
Max Flow Rate 10 GPM
Max Head Height 54 feet.

Max Lift Height 17 ft.
Inlet/Outlet Connection 3/4 in. GHT male

KNOW YOUR TRANSFER PUMP

See Figure 1.

The safe use of this product requires an understanding of the information on the tool and in this operator's manual as well as a knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

BRUSHLESS MOTOR

This product features a brushless motor that maximizes power and performance as well as battery run time.

THREE SPEED SETTINGS

Three speed settings allows you to select different flow rates for a variety of tasks.

THREE TIMER SETTINGS

You can choose from three different durations of run time before the unit will automatically shut down. The pump can also be operated manually.

ASSEMBLY

UNPACKING

This product requires assembly.

- Carefully remove the tool and any accessories from the box. All items listed in the **Includes** section must be included at the time of purchase.

WARNING:

Items in this *Assembly* section are not assembled to the product by the manufacturer and require customer installation. Use of a product that may have been improperly assembled could result in serious personal injury.

- If any parts are damaged or missing, please call 1-800-776-5191 for assistance.

WARNING:

If any parts are damaged or missing do not operate this product until the parts are replaced. Use of this product with damaged or missing parts could result in serious personal injury.

WARNING:

Do not attempt to modify this product or create accessories or attachments not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

ASSEMBLE INTAKE FILTER AND HOSE

See Figures 2 - 3.

- Attach a discharge hose or standard garden hose (not included) to the water outlet side of the pump.
- Add water or a small amount of silicone based pump oil (not included) to the water inlet side of the pump to prime the impeller.

NOTE: For best results, add water to the inlet to prime the pump. This step is necessary to improve the priming reliability.

- Attach the intake hose to the intake filter.
- Attach the other end of the intake hose to the water inlet side of the pump.

NOTE: Do not turn pump on without both intake and outlet hoses securely connected. Make sure all connections are tight. Small leaks can reduce suction and may prevent the pump from priming.

OPERATION

WARNING:

Do not allow familiarity with products to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

WARNING:

Keep water discharge pointed away from all electrical devices to reduce the risk of electrocution or electric shock.

WARNING:

Make sure all hose connections are secure before using the transfer pump. Spilled water and leaks can result in a slippery surface and create a slip and fall hazard.

WARNING:

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

WARNING:

Always remove battery pack or unplug power cord from your product when you are assembling parts, making adjustments, cleaning, or when not in use. Removing battery pack or unplugging power cord will prevent accidental starting that could cause serious personal injury.

APPLICATIONS

You may use this tool for the purpose listed below:

- Drain or remove water from flooded areas, clogged sinks, water basins, water heaters, swimming pools, etc.
- Irrigation

INSTALLING/REMOVING BATTERY PACK

See Figures 4 - 5.

WARNING:

Always remove battery pack from your tool when you are assembling parts, making adjustments, cleaning, or when not in use. Removing battery pack will prevent accidental starting that could cause serious personal injury.

To install:

- Open the battery cover by releasing the latch and opening the cover.
- Place the battery pack in the battery compartment and insert it into the product as shown.

WARNING:

Make sure the latches on each side of the battery pack snap in place and the battery pack is fully seated and secure in the battery port before beginning operation. Failure to securely seat the battery pack could cause the battery pack to fall out, resulting in serious personal injury.

NOTICE:

When placing battery pack in the tool, be sure raised rib on battery pack aligns with the bottom of the tool and latches into place properly. Improper installation of the battery pack can cause damage to internal components.

- Close the battery cover and fasten the latch to secure the cover.

To remove:

- Unlock and open the battery cover.
- Depress the latches and pull to release and remove the battery pack.
- Close and secure the battery cover.

WARNING:

Battery tools are always in operating condition. Therefore, switch should always be in the OFF position when not in use. Remove battery pack when transporting or carrying the unit to avoid accidental starting, which could result in serious injury.

For complete charging instructions, refer to the Operator's Manuals for your RYOBI battery pack and charger models.

OPERATION

STARTING/STOPPING THE TRANSFER PUMP

See Figures 5 - 7.

WARNING:

Battery tools are always in operating condition, therefore the unit should always be in the OFF position, with the battery pack removed, when not in use. Do not leave unit on while unattended. Failure to follow these instructions could result in serious personal injury.

- Add water or a small amount of silicone based pump oil to the water inlet side of the pump to prime the impeller.

NOTE: For best results, add water to the inlet to prime the pump. This step is necessary to improve the priming reliability.

- Insert the battery.
- Make sure the inlet hose and filter are attached. See **Assemble Intake Filter and Hose** in *Assembly*.
- To start the pump, depress the ON/OFF button.

NOTE: Do not turn pump on without both intake and outlet hoses securely connected.

NOTE: The pump has internal protection functions built in to it. The LED will flash if an error is detected. Please refer to the *Troubleshooting* guide later in this manual for possible issues and solutions.

- To stop the pump, depress the ON/OFF button a second time.

USING THE SPEED AND TIMER FEATURE

See Figure 5.

SELECTING THE SPEED

- Depress the ON/OFF button to start the pump.
 - Depress the speed button.
- NOTE:** With each press the speed and flow of the pump will change from LOW to MED to HIGH.
- The selected running speed is indicated by the corresponding LED.

SELECTING THE RUN TIME

- Depress the ON/OFF button to start the pump.
 - Depress the timer button.
- NOTE:** After pressing the timer button once, the pump will run for 5 minutes. With each additional press, the running time of the pump increases by 5 minutes for up to 15 minutes.
- The selected running time is indicated by the corresponding LED.
 - After the preset time has elapsed, the pump will turn off automatically.
 - To switch the timer function OFF, press the timer button until the timer indicator lights go out.

MAINTENANCE

WARNING:

When servicing, use only identical replacement parts. Use of any other parts could create a hazard or cause product damage.

STORING THE TRANSFER PUMP

Store indoors in a dry, locked-up place out of the reach of children, with the battery pack removed and power supply disconnected. Keep away from corrosive agents such as garden chemicals and de-icing salts.

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

After extended use, disconnect the battery pack and flush the pump from the inlet side with fresh clean water. This prevents any build up of solid deposits on the pump's internal water sensors.

REPLACING THE IMPELLER AND O-RING

See Figures 8 - 9.

- Remove battery pack or disconnect pump from power source.
 - Locate and remove the four screws from the impeller plate cover.
 - Carefully remove impeller cover plate and inspect o-ring for damage or wear. If o-ring is damaged or worn, replace o-ring.
- NOTE:** Be sure to keep the pump cover, plastic window, and glass plate together in the same order for installation.
- Remove old impeller and replace with new, lining up the key, and insert into the pump as far as it will go.
 - Apply a small amount of silicone grease to the impeller vanes for best performance.
 - Make sure o-ring is properly seated and replace impeller cover plate, plastic window, and glass plate.
 - Replace the four screws and hand tighten only. Refer to **Starting/Stopping the Transfer Pump** and check to make sure the impeller plate does not leak.