



INSTRUCTION MANUAL

**DRILL PUMP
DRILL PUMP KIT**

**BXWP60002
BXWP60005**



Customer Support
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Please read before returning this product for any reason.



Description

Versatile drill powered pump used to transfer non-explosive or non-corrosive liquid from sinks, tanks, water heaters, aquariums, window wells, bathtubs, etc. This pump is designed to work with most power drills rated up to 2800 RPM. A drill with a minimum 1/4" chuck is required. **NOTE: DRILL SOLD SEPARATELY.** Drill not included with any model. Tubing & Hose included only with model BXWP60005



Safety Guidelines

Carefully read, understand and follow all safety instructions in this manual.



This is the safety alert symbol. When you see this symbol, look for one of the following signal words.

Important

Read these warnings carefully. Know the application and limitations of this drill pump. Failure to follow these warnings could result in serious bodily injury and/or property damage.

DANGER: Indicates a hazardous situation which, if not avoided, **will** result in death or serious injury.

WARNING: Indicates a hazardous situation which, if not avoided, **could** result in death or serious injury.

CAUTION: Indicates a hazardous situation which, if not avoided, **could** result in minor or moderate injury.

NOTICE: Indicates to address practices **not related to personal injury.**

DANGER: Fire hazard. Never pump gasoline or other volatile or flammable liquids with this unit.

CAUTION: Follow all safety precautions recommended by the manufacturer of the electric drill*.

CAUTION: Always disconnect drill from power source and remove the pump from drill before attempting to service or perform maintenance.

WARNING RISK OF ELECTRICAL SHOCK: For corded or battery operated drill* follow drill manufacturers instructions.

CAUTION: Inspect hoses and/or tubing before each use. Using worn or leaking hoses can prevent the pump from working properly.

NOTICE: Suction hose/tubing should be as short as possible, kink free, and non-collapsible. Be certain the suction line is air tight. Any leaks may prevent the pump from priming.

NOTICE: Do not run the drill pump dry. The drill pump housing must be filled with liquid during operation. Operating the drill pump dry for as little as 30 seconds can cause damage and result in premature failure of the drill pump. Running the drill pump dry will also void the warranty.

NOTICE: The drill pump is lubricated at the factory for the first use. It is recommended to add a few drops of lubricating oil to the inlet port of the drill pump before each use to aid with priming and to prevent the impeller from running dry. Cooking oil or mineral oil are suitable options.

NOTICE: A screen or strainer (not included) should be used when pumping fluids that contain abrasives or small solids to prevent damage to the pump.

Specifications

	BXWP60002	BXWP60005
Max Flow Rate at 2800 RPM at 0 ft. discharge height	225 GPH (852 LPH)	225 GPH (852 LPH)
Max Flow Rate at 800 RPM at 0 ft. discharge height	140 GPH (530 LPH)	140 GPH (530 LPH)
Maximum Discharge Head at 2800 RPM	45 ft. (13.7 m)	45 ft. (13.7 m)
Maximum Discharge Head at 800 RPM	32 ft. (9.7 m)	32 ft. (9.7 m)
Self-Priming Height	Up to 8 ft. (2.4 m) Vertically	Up to 8 ft. (2.4 m) Vertically
Min. Drill RPM (Recommended)	800	800
Max. Drill RPM	2800	2800
Drill Chuck Size	1/4 in. (6.4 mm) or Larger	1/4 in. (6.4 mm) or Larger
Construction	Thermoplastic	Thermoplastic
Suction	3/4 in. (19 mm) GHT or 3/8 in. (9.5 mm)	3/4 in. (19 mm) GHT or 3/8 in. (9.5 mm)
Discharge	3/4 in. (19 mm) GHT or 3/8 in. (9.5 mm)	3/4 in. (19 mm) GHT or 3/8 in. (9.5 mm)
Min Liquid Temp	35° F (2° C)	35° F (2° C)
Max Liquid Temp	120° F (48° C)	120° F (48° C)
Drive Shaft	Corrosion Resistant Steel	Corrosion Resistant Steel
3 in. x 3/8 in. Adapter Tube	Not Included	Included
30 in. x 1/4 in. Suction Tube	Not Included	Included
36 in. x 1/2 in. Garden Hose with female fitting	Not Included	Included
Drill not included with any model		

Installation and Operation: BXWP60002 and BXWP60005

▲ WARNING RISK OF ELECTRICAL SHOCK: For corded or battery operated drill follow drill manufacturers instructions.

Installation and Operation

NOTE: It is recommended to add a few drops of lubricating oil to the inlet port before each use to prevent impeller from running dry.

1. Connect the pump drive shaft to the chuck of the drill and tighten.
2. If desired, attach the drill pump to a solid surface by securing with two screws (not included) through mounting slots.
3. Attach the suction hose/s: (Hose/tubing is included only with model BXWP60005)

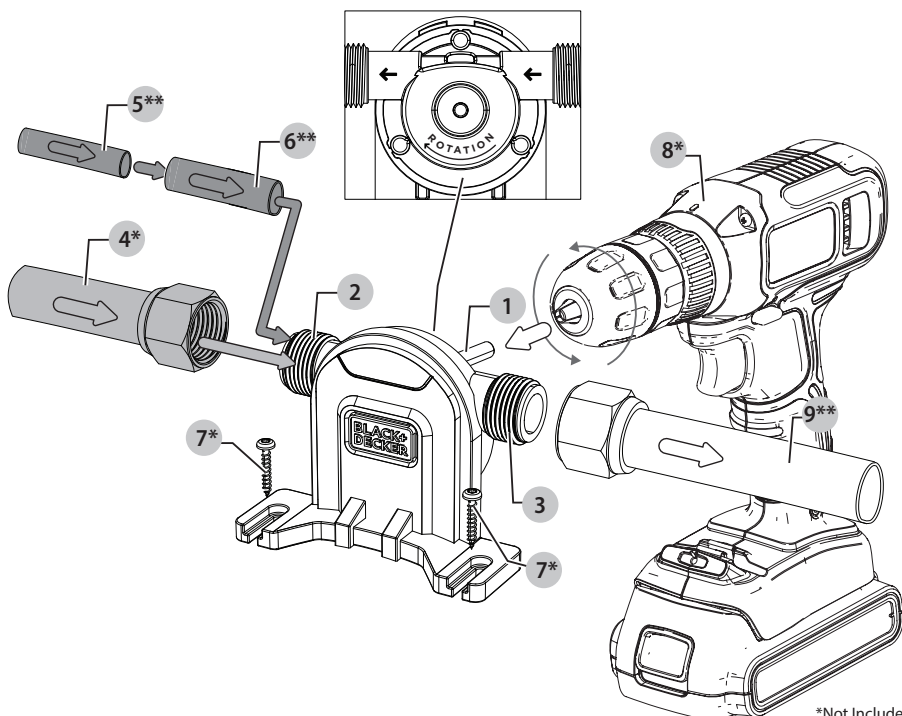
A: Garden Hose: Attach the included garden hose (model BXWP60005 only) or standard garden hose to the inlet port of the pump. **NOTE:** Keep the inlet hose as short as possible. The inlet hose should not exceed more than 8 ft. vertical or 25 ft. horizontal distance.

B: Suction Tube: (included with model BXWP60005 only) Insert the 3 in. x 3/8 in. (76 x 9.5 mm) adapter tube to the inside of the inlet port. Insert the 1/4 in. x 30 in. (6.4 x 762 mm) suction tube to the inside of the adapter tube. **NOTE:** The adapter and suction tubes are a friction fit and should be fully inserted.

4. Attach a standard garden hose to outlet port of the pump. If the included garden hose is not being used on the suction port, it may be used for the discharge.
5. Be certain that the suction hose/tube is fully submerged into liquid source.
6. Connect the drill to the power source. (Refer to drill manufacturer's instructions for proper operation.)
7. With drill in the forward position, press the trigger of the drill to start pumping. **NOTE:** If pump fails to prime and start pumping within 15-20 seconds, disconnect the drill from the power source, fill intake hose with liquid and restart the pumping process. Do not run the pump dry.
8. After each use, thoroughly flush the pump with clean water.

Components

- 1 Drive Shaft
- 2 3/4 in. (19mm) GHT Suction Port
- 3 3/4 in. (19mm) GHT Discharge Port
- 4 36 in. x 3/4 in. (914 x 9mm) GHT Garden Hose**
- 5 30 in. x 1/4 in. (762 x mm) Suction Hose**
- 6 3 in. x 3/8 in. (76.2 mm) Adapter Tube**
- 7 Mounting Screws*
- 8 Drill*



*Not Included

**Included in BXWP60005 Only

Maintenance

- 1. Thoroughly flush the pump with clean water after each use.
- 2. Inspect drive shaft and suction / discharge threads for signs of wear.
- 3. Inspect all hoses/tubing for signs of wear. Replace if necessary.

Troubleshooting

Problem	Possible Causes	How To Correct
Pump will not prime or move liquid.	Air is leaking into the inlet hose or connection.	Check connections to ensure they are tight. Inspect rubber washer in the hose fitting. Replace if necessary.
	The inlet hose is clogged.	Clear the clog or replace the hose.
	The impeller, body, and end cover are worn or damaged from pumping abrasives.	Replace the drill pump.
	The impeller is worn or damaged from running the pump dry.	Replace the drill pump.
	The shaft turns but the impeller does not turn.	Replace the drill pump.
Pump running but flow rate not sufficient.	The drill is running too slowly.	Increase the drill speed to maximum 2800 rpm.
	Restriction in the inlet or discharge hose(s).	Clear restriction or replace the hose(s). Check hoses to eliminate any kinks in the lines.
Liquid is leaking where the shaft enters the drill pump body.	The seal is worn or damaged.	Replace the drill pump.

Limited Warranty:

Manufacturer warrants the products specified in this warranty to be free from defects in material or workmanship for ninety (90) days from date of purchase. During the time period and subject to the terms and conditions, manufacturer will repair or replace to the original user or consumer any portion of this product which proves to be defective due to materials or workmanship. At all times, manufacturer shall have and possess the sole right and option to determine whether to repair or replace defective equipment, parts or components. Manufacturer has the option to inspect any product returned under warranty to confirm that the warranty applies before repair or replacement under warranty is approved. This warranty sets forth manufacturer's sole obligation and purchaser's exclusive remedy for defective product. For warranty consideration, call 855-222-3033 or email at

customer.service@pedrollo-usa.com.

Warranty Period:

If, within the duration of product use by the original user, this product proves to be defective due to materials or workmanship, the product shall be repaired or replaced at the manufacturer's option, subject to the terms and conditions set forth in this warranty statement. Proof of purchase is required for warranty consideration. In the absence of suitable proof of the purchase date, the effective period of this warranty is 90 days from the product's date of manufacture. If a warranty replacement pump is provided to the customer, the warranty of the replacement pump will be subject to the original purchase date of the original pump.

Labor, ETC, Costs:

The manufacturer shall IN NO EVENT be responsible or liable for the cost of field labor or other charges incurred by any customer in removing and/or affixing any product, part, or component thereof.

Product Improvements:

The manufacturer reserves the right to change or improve its products or any portions thereof without being obligated to provide such a change or improvement for units sold and/or shipped prior to such change or improvement.

General Terms and Conditions:

This warranty shall not apply to damage due to acts of God, normal wear and tear, normal maintenance services and the parts used in connection with such service, lightning or conditions beyond the control of the manufacturer, nor shall it apply to products which, in the sole judgment of the manufacturer, have been subject to negligence, abuse, accident, misapplication, tampering, alteration; nor due to improper installation, operation, maintenance or storage; nor to excess of recommended maximums as set forth in the instructions.

Warranty will be VOID if any of the following conditions are found:

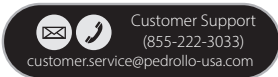
- 1. Product is used for purposes other than those for which it was designed and manufactured. Pump has been used for pumping liquids above 120°F.
- 2. Product is not installed in accordance with applicable codes, ordinances, and good trade practices.
- 3. Pump has been exposed to but not limited to the following: sand, gravel, cement, grease, plaster, mud, tar, gasoline, solvents or other abrasive or corrosive substances.
- 4. Pump has been allowed to operate dry (liquid supply cut off).

Disclaimer:

Any oral statements about the product made by the seller, the manufacturer, the representatives, or any other parties do not constitute warranties, shall not be relied upon by the user, and are not part of the contract for sale. Seller's and the manufacturer's only obligation, and buyer's only remedy, shall be the replacement and/or repair by the manufacturer of the product as described above. NEITHER SELLER NOR THE MANUFACTURER SHALL BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE, DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS), ARISING OUT OF THE USE OR THE INABILITY TO USE THE PRODUCT, AND THE USER AGREES THAT NO OTHER REMEDY SHALL BE AVAILABLE TO IT. Before using, the user shall determine the suitability of the product for their intended use, and user assumes all risk and liability whatsoever in connection therewith.

THE WARRANTY AND REMEDY DESCRIBED IN THIS LIMITED WARRANTY IS AN EXCLUSIVE WARRANTY AND REMEDY AND IS IN LIEU OF ANY OTHER WARRANTY OR REMEDY, EXPRESSED OR IMPLIED, WHICH OTHER WARRANTIES AND REMEDIES ARE HEREBY EXPRESSLY EXCLUDED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, TO THE EXTENT EITHER APPLIES TO A PRODUCT SHALL BE LIMITED IN DURATION TO THE PERIODS OF THE EXPRESSED WARRANTIES GIVEN ABOVE.

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



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