

Instruction Manual



Bottom Draw Pumps



Part #727800

Part #727805

Part #727810

- Ideal for indoor gardening and hydroponic applications
- Can draw from water levels as low as 13/16" in depth
- Manufactured with high quality materials
- Engineered with the latest pump technology
- All electrical parts are sealed with epoxy for safety and reliability



EcoPlus® products are exclusively distributed by:

Sunlight Supply,® Inc. / National Garden Wholesale®
5408 NE 88th Street - Bldg A, Vancouver, WA 98665 USA
www.sunlightsupply.com

PLEASE SAVE THESE INSTRUCTIONS

Safety Information

To guard against injury or death, the following safety precautions must be observed:

WARNING – Risk of electric shock – This pump is supplied with a grounding conductor and grounding type attachment plug. To reduce the risk of electric shock, be certain that it is connected only to a properly grounded, grounding-type receptacle.

1. Read and follow all the Safety, Operation and Maintenance Instructions in this manual.
2. DANGER! Since water (an electrical conductor) is employed in the operation of this pump, special care must be taken to reduce the risk of electrical shock.
3. If the pump shows any signs of abnormal water leakage, immediately unplug it from the power source.
4. Do not operate the pump with a damaged cord or plug or if the pump is malfunctioning or has been dropped or damaged in any manner.
5. Do not attempt repairs yourself. Instead, return the pump to an authorized service facility or discard the pump.
6. Close supervision is necessary when pumps are used around children.
7. To avoid injury, do not touch moving parts.
8. Carefully examine pump after installation. It should not be energized if there is water on parts that are not intended to be wet.
9. Always unplug the pump from outlet when not in use, before installing or removing parts or cleaning. Never yank cord to pull plug from outlet – grasp the plug to disconnect.
10. Do not use the pump for any other purpose than which it is intended.
11. Read and observe all important notices regarding the pump.
12. This pump has been evaluated for use with FRESH WATER ONLY.
13. This pump is acceptable for indoor and outdoor use.
14. Do not connect to any voltage other than that shown on pump.
15. Do not pull the power cord to move the pump. Attach a separate lifting cord to the pump if it is installed in deep water.
16. Do not operate or leave the pump in freezing conditions.
17. If you live in an area with hard water, the pump, impeller assembly and inside of impeller should be cleaned at regular intervals to remove any mineral deposits.

Pump Operation

Make sure all fittings and connections are secure and free of leaks before plugging pump into grounded outlet. If the electrical outlet is lower than the power cord, be sure to set up a "Drip Loop" to make sure that no water runs down the cord and into the electrical outlet.



IMPORTANT! NEVER LET THE PUMP RUN DRY

This pump can draw from water levels as low as 13/16". However, it must never be allowed to run dry or internal components will be severely damaged. This pump is also equipped with thermal overload protection. If the pump overheats, it will shut itself off and will not restart until a safe operating temperature is reached.

Horizontal or Vertical Outlet:

For your convenience, this pump can be configured with the outlet fitting mounted on top or side. Simply swap the position of outlet fitting and plug.

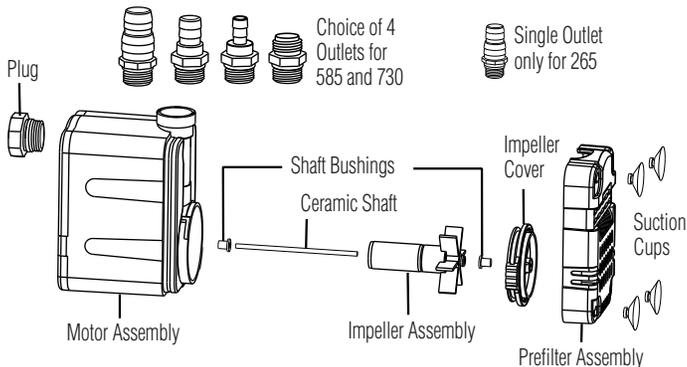


Cleaning & Maintenance

This pump is permanently sealed and lubricated so it requires no special maintenance. However, to keep it in peak operating condition and prolong its life, regular cleaning is required to remove dirt, debris or other contaminants. Frequency of cleaning will depend on the operating environment. Check pump frequently to make sure water flow is not impeded or clogged.

To clean pump: Unplug pump from outlet and remove it from the reservoir (do not use the power cord to lift the pump). Gently snap the Prefilter Assembly of the bottom and remove the Impeller Cover by turning it counter-clockwise. Pull out Impeller Assembly and wash it carefully in running water. After cleaning, re-assemble the pump and return it to use. NOTE: Never operate or store pump in freezing conditions.

Parts Diagram & Specifications



MODEL	VOLTS / HZ	WATTS	MAX. FLOW	MAX. HEAD
BDP 265	120 / 60	27	265 GPH	7.2 feet
BDP 585	120 / 60	65	585 GPH	9.2 feet
BDP 730	120 / 60	75	730 GPH	10.8 feet

Limited Warranty

One-Year Limited Warranty: EcoPlus® Bottom Draw Pumps covered in this manual are warranted under normal use for one year after purchase date. Any part determined defective in material or workmanship can be returned to an authorized retail location. It will be repaired or replaced at the option of the supplier.

Limitation of Liability: To the extent allowable under applicable law, EcoPlus's liability for consequential and incidental damages is expressly disclaimed. EcoPlus's liability in all events is limited to and shall not exceed the purchase price paid.

Warranty Disclaimer: EcoPlus® provides product information in this literature for the sole purpose of identification, and does state or imply that the products are merchantable or fit for a particular purpose, or that the products will conform to the descriptions.

Product Suitability: Many jurisdictions have codes and regulations governing sales, construction, installation and/or use of products for certain purposes, which may vary from those in neighboring areas. While EcoPlus® attempts to assure that its products comply with such codes, it cannot guarantee compliance, and cannot be responsible for how the product is installed or used. Before purchase and use of a product, review the product applications, and all applicable national and local codes and regulations, and be sure that the product, installation, and use will comply with them.

PLEASE BE RESPONSIBLE



DO NOT dispose of this product in the trash, on the landscape or into any unsorted waste stream! It may contain hazardous substances that can leach into groundwater and find their way into the food chain. This unit contains VALUABLE RESOURCES that are easy to recycle and re-use. Services available may include:



- A. Municipal Collection Systems:** Most cities and towns have recycling programs where electronic waste can be turned in for recycling free of charge.
- B. Retailer Return:** When buying a new product, many retailers will take back an old product free of charge.
- C. Scrap Dealers:** Many scrap dealers will buy old electronics or take them free of charge.

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