

# Assembly, Installation and Cleaning Instructions for the Lint LUV-R and MicroPlastics LUV-R Filter Kits.



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Thank you for purchasing this quality product. It will provide many years of worry-free protective service.

## 1. CONTENTS

First of all ensure that all components are included (quantity is one unless otherwise stated):

\*Note: If wall mount bracket kit was not purchased, please omit items numbered 13, 14, 15, 16 and 17.



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|--|--|
| 1. filter head   | 9. 1 inch hose barb                                |
| 2. filter bowl   | 10. teflon tape                                    |
| 3. stainless steel filter  | 11. 1 inch hose x approximately 3 feet long        |
| 4. rubber grommet  | 12. 1 inch conduit clamp (quantity = 2)            |
| 5. 3/4 inch diameter x 2 inch long pipe nipple (quantity = 2)        | 13. angle mounting bracket                         |
| 6. 3/4 inch female x 1 inch hose barb 90 degree elbow (quantity = 2) | 14. drywall anchor (quantity = 3)                  |
| 7. stainless steel gear clamp (quantity = 3)                         | 15. #10-32 x 3/4 inch machine screw (quantity = 4) |
| 8. #8 x 3/4 inch wood screw (quantity = 4)                           | 16. #10-32 machine screw nut (quantity = 4)        |
|  | 17. #8 x 1 inch wood screw (quantity = 3)          |

## 2. ASSEMBLY INSTRUCTIONS

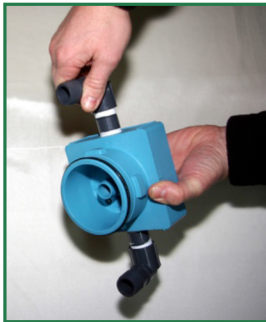
- A. Wrap 4 or 5 turns of Teflon tape in a clockwise direction around all threaded areas of the two pipe nipples.



- B. Thread the two pipe nipples into the two threaded ports of the filter head and tighten by hand.



- C. Thread the two 3/4 inch 90 degree elbows onto the outer threads of the two pipe nipples and tighten snugly to prevent water leakage.

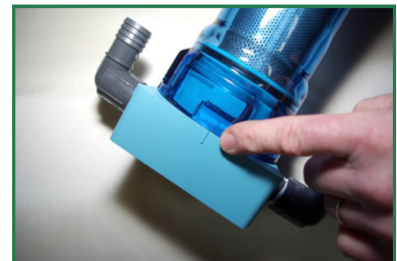


Channel lock pliers and a small pipe wrench work well for this task. Placing the filter head between two thin pieces of wood in a bench vise makes this task easier. Tighten the elbows such that they point down in the same direction that the filter bowl installs.

- D. Install the rubber grommet into the opening at the end of the stainless steel filter. You should be able to spin the grommet with your finger if installed correctly in the filter.



- E. Place the stainless steel filter onto the filter head spigot and install the filter bowl over the assembly. Turn clockwise 1/8 of a turn once it is pushed on all the way. You know it is on correctly once the lock indicators align. You have now completed the assembly and are ready for installation. **CAUTION:** Be careful not to roll the seal during installation. Ensure sealing areas are clean before installing or leakage may occur.



### 3. INSTALLATION INSTRUCTIONS

There are two installation options:

**OPTION A:** Mounting under a cabinet or shelf existing in your laundry area.



**OPTION B:** Mounting on a wall using angle mounting bracket when a shelf or cabinet is not present in your laundry area.



#### **Tips to Consider Before Installing:**

- The filter head has an **IN PORT** and **OUT PORT** and they must be oriented properly. Your washing machine discharge hose must connect to the **IN PORT**. The drain hose from the kit must connect from the **OUT PORT** to the septic drain.



- When selecting a mounting location try to place it such that the filter outlet port will be close to or align with the septic drain. You may need to install elbows or other plumbing fittings to keep the drain hose from kinking if there are sharp bends or angles to follow from the filter to the septic drain.
- The filter should be mounted 12-16 inches above the top level of the washing machine and at least 3 inches above the septic drain pipe to allow gravity drainage after the washing machine stops (failure to do this may cause laundry wastewater to siphon back into the filter).
- The filter bowl will contain water after the first use.

### 3. INSTALLATION INSTRUCTIONS (continued)

#### **INSTALLATION OPTION A:** *Mounting under a cabinet or shelf existing in your laundry area*

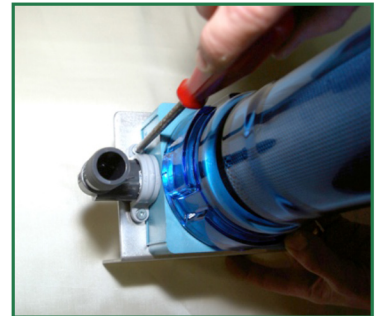
Use the two 1 inch conduit clamps to secure the filter head around the two pipe nipples with the four #8 x ¾ inch wood screws. Ensure that you have accessibility to remove and install the filter bowl for cleaning.

#### **INSTALLATION OPTION B:** *Mounting on a wall using angle mounting bracket when a shelf or cabinet is not present in your laundry area*

Mount the angle bracket on a wall and in a location that will provide accessibility for removing and installing the filter bowl for cleaning. Use the three drywall anchors and three #8 x 1 inch wood screws to secure the bracket to the wall. If you can find a stud in the wall you can use two longer wood screws (not provided) to secure through the two centre holes of the bracket.

The filter head is attached to the angle bracket by securing the two 1 inch conduit clamps around the two pipe nipples with the four #10-32 machine screws and nuts. The filter head can be secured to the angle bracket before mounting it on the wall by having the mounting holes in an upward orientation. If overhead clearance is an issue then secure the bracket to the wall with the mounting holes in a downward orientation. The filter head can then be secured to the bracket once the bracket is on the wall.

Put some water in your washing machine and then turn to the spin cycle to pump water through the filter. Ensure fittings are tight and there are no leaks. You are now ready to do your laundry.



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is not responsible for self-installation.

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### 4. CLEANING INSTRUCTIONS

- Clean when the stainless steel filter becomes difficult to see (about every three weeks).
- If you notice that your laundry is still wet after your wash is complete, the filter needs to be cleaned.
- Do not clean the filter after every load. The filter becomes more efficient as lint builds up because the lint acts like a secondary filter.
- Waiting too long before cleaning will make the filter more difficult to clean.
- To reduce odor, we recommend cleaning the filter immediately after a load of laundry.

## 4. CLEANING INSTRUCTIONS (continued)

- A. Remove the filter bowl by turning it 1/8 of a turn counterclockwise and pulling down. Be careful as the filter bowl will be full of water.



- B. Pull the stainless steel filter down from the filter head.



- C. Place a piece of paper towel or a coffee filter over the drain of your sink to catch the lint when you dump the water out of the filter bowl.



- D. Remove the stainless steel filter and wipe down the sides with a piece of paper towel to remove the lint. If the lint is packed on the screen, a pet grooming brush (wire bristles) may be used to help with removal. Rinse off the remaining lint from the filter.



- E. Wipe the sealing area inside the filter with a paper towel to ensure that it is clean for a proper seal.



- F. Install the stainless steel filter back onto the filter head.

- G. Ensure the seal on the filter head is clean before reinstalling the filter bowl. The filter bowl is installed by raising it to the filter head, pushing it on, and turning it clockwise 1/8 of a turn. Ensure that the lock indicators align. Now you are ready for your next load of laundry!

# WARRANTY

Environmental Enhancements warrants that on the date of shipment all components of the Lint Luv-R contained in the list of contents herein are free from defects in material and workmanship under normal use and service.

No warranty extended by Environmental Enhancements shall apply to:

- any goods which have been modified or altered by persons other than Environmental Enhancements;
- any goods subjected to any misuse, neglect, improper installation or accidental damage; or
- any goods manufactured by a third party.

Environmental Enhancements 's exclusive obligation under this warranty is, at Environmental Enhancements's option, to repair or replace the defective goods or to refund to Buyer, for no more than five years from the date of purchase of the Lint LUV-R, the purchase price paid for the defective goods. Environmental Enhancements shall not reimburse or make any allowance to Buyer for any labor charges incurred by Buyer for replacement or repair of any goods unless such charges are authorized in advance by Environmental Enhancements.

This warranty is made on the condition that Buyer gives Environmental Enhancements immediate written notice of any defect (in no event later than one (1) year from the date of shipment), that Buyer gives Environmental Enhancements access to the goods and Buyer's relevant records and data, and that Environmental Enhancements's inspection reveals that Buyer's claim is valid under the terms of this warranty.



**Please visit our website for more information**  
[www.EnvironmentalEnhancements.com](http://www.EnvironmentalEnhancements.com)

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