



## 9116 Compact Two-Stage Water Filtration Pump

Owner's Manual


Version 1.1



Thank you for purchasing the Aerospace America Inc. 9116 Compact Two Stage Water Filtration Pump. This manual is intended to provide a guideline to ensure the operation of this product is safe and does not pose a risk to the user. Any use that does not conform to the guidelines described in this manual void the limited warranty.

Please read all directions before using this product and retain this guide for reference. This product is intended for commercial use and is covered by a limited 90-day warranty. See warranty for details.

## Important Safety Instructions

1.  DANGER ELECTRIC SHOCK HAZARD
  - a. Pump is non-submersible. Keep motor dry at all times.
  - b. Do not use unless properly grounded per local and national codes.
  - c. Unplug unit prior to servicing or handling.
  - d. Read transfer pump manual for further warnings.
2. Please read all instructions before using this product
3. Please read and follow specific transfer pump manual (included)
4. Follow all maintenance instructions specified in this manual
5. Unit designed to filter water only, do not pump flammable or explosive liquids.
6. Do not use near open electrical connections
7. Choking hazard: pump contains some small parts

## Box Contents

1. Fully assembled Portable Water Filtration Pump – with filters
2. Specification Sheet

## Parts List

9115-01	50 Micron Filters 30/cs
9115-02	5 Micron Filters 30/cs
9116-03	Pump Motor
9115-04	#10 Filter Housings w/O-rings
9115-05	“O” Rings for Blue Housing
9115-14	Silver Toggle on/off Switch
2000-20	GFI

## Getting to know your 9116 Compact Two-Stage Water Filtration Pump

Pump Dimensions: 20" long x 7" wide x 16" tall and weighs 21 pounds



The 9116 contains a 2-stage, 50 micron (right) and 5 micron (left) water filter system



## Water Connections and Controls

Source water (from shower basin) connects to hose connection shown below. Pump does not need to be primed prior to starting.



On/Off switch and 110 Volt GFI protected power connection



The filtered water leaving the 9115 pump can be directed using any standard garden hose. Connection point is after the 2<sup>nd</sup> filter shown below:



## General Maintenance

1. Both canisters contain replaceable filter cartridges. The first filter (right) is the 50 micron filter, the 2<sup>nd</sup> is the 5 micron filter. Both can be changed by removing the plastic canister. Press the red button to release the pressure prior to removing the plastic canister.



2. Make sure the o-rings are properly in place and not damaged prior to reassembling the canister. A small amount of lubrication (clean silicone grease) can be used to reseal the o-ring properly.
3. When refilling with water, press the red button to release any trapped air.
4. Periodically check hose fitting connections for leaks. Tighten if necessary or replace the seal with a standard garden hose gasket.
5. Remove all water in the system prior to long term storage.

## Filter change recommendations

1. It is recommended that this pump be used in conjunction with a 100 micron sock filter installed in the Decontamination Shower (Aerospace part number 9105 or 9106)
2. The right side filter (50 micron) may be changed more frequently than the 5 micron filter (left side) depending on visual inspection and water flow.
3. If flow out of the pump noticeably reduces, or upon visual inspection, the white filters become full of contaminants, it is time to replace the white filter cartridges.
4. Start by changing the 50 micron filter cartridge first (right side) – Aerospace Part number 9115-01
5. If water flow is still reduced, change the 5 micron filter (left side) – Aerospace Part number 9115-02
6. Dispose of filter cartridges according to state and local guidelines.

## Warranty

### **90 Day Warranty from Aerospace America, Inc.**

1. Aerospace America Inc. warrants for 90 days, to the original customer of its products that they are free from defects in material and workmanship. Subject to the conditions and limitations set forth below, Aerospace America Inc. will, at its option, either repair or replace any part of its products that prove defective by reason of improper workmanship or materials.
2. Removal and/or defacing of Serial/Part number sticker(s) on ANY products WILL void ALL warranties.
3. Customer must call Aerospace America Inc. to obtain an RMA number before return authorization will be granted.
4. Products can not be sent back to Aerospace America Inc. once they are contaminated with hazardous or toxic substances. Contaminated products will be refused at the door.
5. ALL defective products sent in for RMA replacement MUST INCLUDE A COPY OF THE ORIGINAL INVOICE/RECEIPT. (Products NOT including invoice/receipt will be returned to the customer at customer's expense).
6. This limited warranty does not cover any damage to this product that results from improper installation, accident, abuse, misuse, natural disaster, external/internal corrosion, electrolysis, abnormal mechanical or environmental conditions, or any unauthorized disassembly, repair, or modification. This limited warranty also does not apply to any product on which the original identification information has been altered, obliterated or removed, has not been handled or packaged correctly, has been sold as second-hand or has been resold contrary to the US export regulations.
7. This limited warranty covers only repair, replacement or refund for defective Aerospace America Inc. products, as provided above. Aerospace America Inc. is not liable for, and

does not cover under warranty, any costs associated with determining the source of problem. Aerospace America Inc. shall not be liable for any consequential or incidental damages of any kind resulting from the order or use of its products. These damages include reimbursement of the original purchase price, loss of the use of a vehicle, loss of time or inconvenience, rental of a replacement unit and any other special, incidental, consequential, or punitive damages. Aerospace America Inc.'s sole obligation will be to repair or replace its product.

8. This warranty is void if the product is used for anything other than its intended use.
9. This warranty does not cover claims for any damages caused to persons or equipment.
10. This warranty is limited to the original purchaser and is not transferable. If the product is re-sold, or otherwise transferred, the above Limited Warranty is void.

### **Returns**

#### **Return Merchandise Authorization Procedure for Defective Material**

Please contact Aerospace America Inc. to obtain a Return Merchandise Authorization (RMA) number in the event that you need to return an item for replacement or service. Do not return any product(s) until you have received an RMA number. Aerospace America Inc. reserves the right to refuse shipments that do not have a valid RMA number.

**Defective Material:** All products must be sent in secure packaging to avoid any shipping damages. Please call (989) 684-2121 to obtain an RMA number. Aerospace does not repair or accept returns of units that have been used in the field.



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