

# SUPERPURE



## 3-Stage Slimline **Whole House Filter**

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Installation and Maintenance Manual

# Introduction

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We would like to thank you for choosing a SUPERPURE water filter system.

This is our most popular point-of-entry cartridge-based filtration system. Your system has been manufactured to strict quality standards to ensure you receive the best product possible.

This filtration system is your first step to cleaner, healthier and better tasting water. The stages and their functions are outlined below.

**First Stage:**

Melt Blown PP Filter - removes large particles suspended in water.

**Second Stage:**

Granular Carbon Filter - removes organics, chlorine, odor, and turbidity.

**Third Stage:**

Block Carbon Filter - further removes any organics, chlorine, odor and turbidity.

**Remineralizing Filter (Optional) :**

Recommended when using with rain water. Adds minerals to raise and buffer the pH to help prevent corrosion.

**UV Sterilizer (Optional) :**

Removes the bacteria, viruses and microorganisms in the water.

# Package Contents

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1x 3-Stage Slimline Filtration System on Stand with filters installed

1x Housing Wrench

1x User Manual

# Technical Specifications

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Source Water: Rain Water / Municipal tap water

Filter Replacement Cycle: 3-6-months

Max Purified Water Flow: 15L/Min

Inlet Water Temperature: 5°C~38°C

Inlet Water Pressure: 1 - 5 bar

Operating environment temperature: 5~40°C

# Before You Start

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- Read through all instructions before beginning installation and using this system. Take note of indicated flow directions and follow all steps exactly or risk damaging system/incorrect operation.

- This system contains filters that need to be replaced at certain intervals. While replacement intervals will vary according to use, it is recommended to replace the filters every 3-6-months depending on usage and source water quality.

- Please install system on potable or rain water only. On non-potable water sources such as river or borehole water, system will not function properly and additional pre-treatment may be required.

- Ensure source water pressure is between 1-5 bar. If source water pressure exceeds maximum pressure or is inconsistent, the included a pressure reduction valve MUST be installed.

- Ensure source water temperature is between 5°C - 40°C.

System will not function properly if these temperatures are exceeded.

**DO NOT INSTALL ON HOT WATER SOURCE.**

- Do not use system on noticeably contaminated water such as raw sewage.

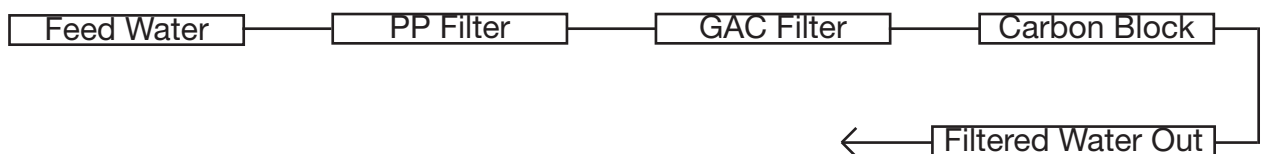
# Caution

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- Do not disassemble, open, or modify this unit. Tampering with the unit may cause failure or damage and will void warranty.
- Do not place objects on top of the unit as this may cause damage to the unit and may cause leaking.
- Follow all recommended operating pressures and temperature, failure to do so will cause damage to the unit and void warranty.
- Avoid contact with corrosive materials.
- Keep away from heat.

# How Your System Works

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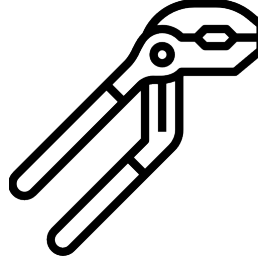


# Tools Required

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Thread  
Tape



Water  
Pump  
Pliers

# Installation Steps

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## Step 1

Remove the system from the box and check that the system is undamaged and all parts are included.

## Step 2

Check filters one-by-one to ensure filters are properly installed and o-rings are correctly seated and housings tightened.

## Step 3

Connect system up for use using the 3/4" BSP ports. Take note of the flow direction moulded into the system. Depending on intended use you may use plastic or brass compression fittings or PVC pipe fittings.



#### **Step 4**

Turn on water supply to check for leaks.

#### **Step 5**

Press red pressure bleed buttons until air no longer comes out. This will release air and prime the system to reduce the risk of air locks.



#### **Step 6**

Flush water through the system for 5 minutes before first use to remove any manufacturing residue or carbon dust

#### **Step 7**

System is ready to use!



# Filter Maintenance

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To ensure the unit operates at its optimum level, routine maintenance is required. The frequency of maintenance depends on the feed water quality.

The following are guidelines for scheduled filter changes, keep in mind that the frequency of filter changes may vary. If in doubt contact your local dealer or SUPERPURE technical support.

- Change Filters every 3- 6 months

If in doubt, replace filters in one of the following cases:

- Pressure drop between feed water and output exceeds 1-1.5 bar
- Bio-film has developed - this can be checked by removing the second filter and checking for a slimy layer on the filter cartridge seal or body.

If you will be away or not using the unit for an extended period of time, perform the same flushing procedure as in the initial set-up.

# Filter Replacement

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To replace your filter cartridges, follow the steps below:

## **Step 1**

Shut off the water supply to the filter system and open a tap or press one of the system's red pressure relief buttons to release built-up pressure.

## **Step 2**

Use a filter wrench to unscrew the filter housings. We recommend keeping a bucket handy to catch any water spillage.

## **Step 3**

Remove old filters, clean the housings, and insert new filters into each housing, ensuring they are correctly seated.

## **Step 4**

Screw the housings back onto the system, applying silicone lubricant on O-rings if necessary. Gently tighten with the wrench. Slowly turn on the water supply and check for leaks.

## **Step 5**

Let water run through the system for a few minutes to flush out any air or loose particles from the new filters.

# Trouble Shooting

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## **Problem**

No water is coming out of the tap

## **Cause**

There is either a valve closed or there is still air in the system

## **Solution(s)**

- (1) Ensure the input valve and main water lines are open
- (2) Ensure that there is sufficient inlet pressure (minimum 1 bar)
- (4) Wait a short while to ensure that any air is flushed out of the system

## **Problem**

Water leaks from the red buttons on the system

## **Cause**

This is caused by o-ring on the pressure release buttons not sealing correctly. This could be due to the o-ring not sealing all the way around or due to a grain of sand or small stone that is in the way.

## **Solution(s)**

Firmly press the pressure relief button down while the system is pressurised. This will spray some water through the hole and should flush out any obstructions and allow the seal to seat correctly.

## **Problem**

Water still tastes brackish or leaves white residue in kettle or on taps

## **Cause**

This system does not remove any dissolved minerals. This means that it will not removal salt or calcium from the water to reduce brackishness or hardness.

## **Solution(s)**

Install antiscallant balls or reverse osmosis system to remove minerals

# Technical Support

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For any technical support queries please contact Definitive Brands  
Group for assistance:

Email: [support@definitivebrandsgroup.co.za](mailto:support@definitivebrandsgroup.co.za)

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Manufactured for:  
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Macassar  
Western Cape  
South Africa

Spare parts & replacement filters available at:

[thewaterfilterfactory.co.za](http://thewaterfilterfactory.co.za)

