



***UNDERSINK FILTER  
INSTALLATION BOOKLET***

# INSTALLATION INSTRUCTIONS

## **WARNING:**

*For correct operation of this appliance it is essential to observe the manufacturer's instructions.*



*This system is not UV resistant.  
Install only out of direct sunlight.*

- This system must be mounted in a vertical position and must be positioned to allow access for service and filter cartridge changing. At the same time, the assembly should be relatively near the faucet to maximise flow rate.*

## **Installation of Water Supply Connector**

*NB. Any connection put into a mains supply should be done by a licensed plumber.*

- 1. Turn off the water connection under your sink or the main water supply. Open the tap to release the pressure.*
- 2. Cut into the mains to insert the 'tee'. Attach and tighten the 'tee'.*
- 3. Thread tape the stem of the 'bush' and screw on the 'tee' tightly.*
- 4. Thread tape the John Guest ball valve and screw it firmly into the 'bush'.*
- 5. Connect the white tube into the John Guest ball valve, then connect the tube to the inlet side of the twin system (This is the sediment cartridge side of the twin system)*



## **UV Lamp**

- 1. To install your UV system, please refer to your UV Booklet*

## *Installation of Faucet*



- 1. Using a small drill bit, drill a pilot hole.*
- 2. Using the 3/8" drill bit, drill a 3/8" hole through the base metal. Operate the drill slowly and carefully, especially when the drill is about to penetrate the metal. If necessary use a drop or two of oil in the hole.*
- 3. Mount the sink top faucet in the hole and using an adjustable wrench (or hand) to hold the faucet, tighten the 9/16" nut.*
- 4. Connect the tube from the outlet side of the twin system (this is the carbon cartridge side of the twin system) to the faucet following installation procedure on faucet carton.*

## *Mounting the Purification System*

- 1. Mark screw locations at the desired positions. Use the two holes on back of purification assembly mounting bracket for marker guides.*
- 2. Drill a suitable sized hole to insert some Wall Plugs, if necessary.*
- 3. Insert Wall plugs and screws. Leave screw heads out a little.*
- 4. Mount purification system onto screws.*

## *Start Up Procedure:*

- 1. With everything connected, turn on the water and check for leaks.*
- 2. Open the faucet and let the water run for at least 10-15 minutes. This flushes any carbon fines from the filter.*
- 3. Close the sink top faucet. Check the system for leaks.*
- 4. The system is now ready for use.*

## *Caution For Your Safety*

- Change filters regularly every 6 to 12 months.*
- Use only cartridges suitable for this appliance.*
- Flush system for 30 minutes after a period of non-use exceeding 30 days.*

## ***FILTER CHANGING PROCEDURES***

*All filters should be changed, by a Licensed Plumber, every 6 to 12 months or 8 000 Litres. Not changing your filters regularly can cause bacteria to grow and contaminate the water.*

### ***Sediment and Carbon Filters***

- 1. Turn ball valve off.*
- 2. Open faucet to help de-pressurise system.*
- 3. Unscrew filter housings by turning counter clockwise.*
- 4. Remove old filters and discard. Then follow sanitising procedure.*
- 5. Insert new filters into appropriate housings.*
- 6. Replace O-rings as necessary. Be sure O-ring is clean, lubricated and seated properly when tightening. Never use Vaseline or any other petroleum based lubricant. It may breakdown the O-ring or the O-ring seat on the housing sump and cause a failure (leak).*
- 7. Flush the system for 10 - 15 minutes to expel any carbon fines.*

### ***UV Lamp***

- 1. To service your UV system, please refer to your UV Booklet*

## ***RECOMMENDED SANITISING PROCEDURE***

*The best time to sanitise is when changing the filters. It is recommended to sanitise the whole system a minimum of once a year.*

- 1. Shut off ball valve. Remove old filters. We recommend you use Micropur to disinfect your system. Add Micropur into each of the empty pre filter housings. Recommended dosage is 10mL per 10L. Reassemble the filter housings without filters.*
- 2. Open the faucet and turn water supply back on to about 30% of maximum flow rate.*
- 3. As soon as water runs from the faucet, close the faucet and shut off water supply at ball valve. Let entire system sit for about 2 hours to thoroughly sanitise.*
- 4. Open faucet to release pressure. Turn on the water supply at the ball valve. Flush the system for 10 - 15 minutes.*

# PERFORMANCE SHEET

*Production rate 1.5 Lpm for best results.*

## Contaminant Removal

<i>Chlorine</i>	<i>Over</i>	<i>95%</i>
<i>Herbicides</i>	<i>Over</i>	<i>95%</i>
<i>Pesticides</i>	<i>Over</i>	<i>95%</i>
<i>DDT</i>	<i>Over</i>	<i>95%</i>
<i>Endrin</i>	<i>Over</i>	<i>95%</i>
<i>Lindane</i>	<i>Over</i>	<i>95%</i>
<i>Aldrin</i>	<i>Over</i>	<i>95%</i>
<i>Benzene</i>	<i>Over</i>	<i>95%</i>
<i>VOCs</i>	<i>Over</i>	<i>95%</i>
<i>Adrazin</i>	<i>Over</i>	<i>95%</i>
<i>Fluorathene</i>	<i>Over</i>	<i>95%</i>
<i>Phenol</i>	<i>Over</i>	<i>95%</i>
<i>Trihalomethanes</i>	<i>Over</i>	<i>95%</i>
<i>Toxaphene</i>	<i>Over</i>	<i>95%</i>
<i>Dichloromethane</i>	<i>Over</i>	<i>95%</i>
<i>Chloroform</i>	<i>Over</i>	<i>95%</i>
<i>Trichlorethylene</i>	<i>Over</i>	<i>95%</i>
<i>Perchlorethylene</i>	<i>Over</i>	<i>95%</i>
<i>Tannic Acids</i>	<i>Over</i>	<i>95%</i>

### **CAUTION**

*Do not use with water that is Microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.*

### **WARNING**

*This system must be installed in conjunction with a dual check and pressure limiting valve which complies with Australian Standards. No warranty will apply to a system installed without such a valve.*

## ***TROUBLE SHOOTING***

<i>Little water from faucet.</i>	<i>Incoming water pressure is below 40 psi.</i>	<i>Increase pressure to 40 psi.</i>
	<i>Bad check valve</i>	<i>Replace check valve.</i>
	<i>Faulty pressure valve</i>	<i>Replace pressure valve.</i>
	<i>Filters clogged.</i>	<i>Replace filters.</i>
	<i>Kinked tube.</i>	<i>Un-kink tube. If damaged, re-place tube.</i>

## ***System Limitations***

*Pressure:                      100psi max                      40psi min*  
*Flow Rate                      3Lpm max                      1.5Lpm min*  
*Temperature:                      38°C max                      5°C min*

*Total Dissolved Solids:    2000ppm max*

# WARRANTY

## TERMS AND CONDITIONS

Any contract of sale, order, or quotation made or accepted by or on behalf of The Supplier is subject to these terms and conditions of sale.

### WARRANTY

The Supplier warrants each new Product to be free from defects in material and workmanship for a period of 1 year from the date of retail sale established by the date of the original invoice issued by The Supplier.

The Supplier's obligation under this Warranty is limited to The Supplier's own option, to either repair or replace the Product, once The Supplier has deemed that the Product is defective or The Supplier may, at its own discretion, refund to the Buyer the purchase price paid for the defective goods.

The Supplier reserves the right in instalment sales to grant credit for the value of any Product found to be defective under this Warranty.

The Supplier will not cover any labour charge incurred by the Buyer for the replacement or repair of any Product.

The Buyer is responsible for freight and local labour charges for Products the subject of this Warranty.

This Warranty applies only to the original retail purchaser of the Product.

This Warranty does not cover any Product that is relocated from the site of its original installation.

All replaced or exchanged parts taken out under this warranty become the property of The Supplier.

This Warranty is subject to the Product being properly installed, maintained, being used for its intended purpose and operated strictly in accordance with The Supplier's recommendations.

The Warranty will be void if the Products have found to be tampered with or if the goods have not been operated or maintained strictly in accordance with The Supplier's recommendations.

This Warranty does not cover the normal wear and tear of the Product, or damage caused by misuse, abuse or vandalism.

This Warranty does not extend to a Product that has been modified in any way unless with The Supplier's express consent.

The Warranty does not cover any malfunction or failure resulting from neglect, use of unauthorised parts and accessories or use with higher water pressure than indicated on the Product.

The Warranty does not extend to damage caused by rain, fire, earthquake or other natural causes or acts of nature.

It is expressly agreed that this shall be the sole and exclusive remedy of the Buyer stated herein, and under no circumstances shall The Supplier be liable for any costs, loss, expense, damages, special damages, incidental damages or consequential damages arising directly or indirectly from the design, manufacture, sale, or use or repair of the Product whether based upon warranty, contract, tort or strict liability.

All Conditions and Warranties implied by law or statute are hereby expressly negated so far as they lawfully can be.

### ACCEPTANCE AND CLAIMS

Acceptance of the Products shall be deemed for all purposes to have taken place at the expiration of seven (7) from the date of each delivery

Any faulty systems must be returned with the Pressure Limiting Valve

In the event of a Warranty Claim, the Product must be forwarded at the Buyer's own risk and expense to The Supplier, together with proof of purchase. Any damage caused during or as a result of transit will not be the responsibility of The Supplier.

This limited Warranty is void if the Product under Warranty is presented without the said original invoice.

The Supplier may request that a Statement accompany the original invoice, signed by the Buyer, setting out the following terms:

1. The name and address of the Buyer.
2. The date and by whom the Product was purchased.
3. The date and by whom the Product was installed.
4. The location where the Product was installed.
5. The date and time the Product first appeared to malfunction.
6. The nature of the problem with the Product.
7. The date and time of any and all loss event/s.
8. The date and time The Supplier was first notified of the Product malfunction.

A failure by the Buyer to submit the said Statement within 28 days, after such request is made by The Supplier, will automatically void the Warranty.

A failure to answer truthfully or to answer in a way that is misleading, entitles The Supplier to void the Warranty and to notify the police in the event of suspected fraudulent conduct.

### RISK

The risk in the Product will pass to the Buyer immediately upon the Product leaving The Supplier's premises for delivery to the place designated by the Buyer.

### RETENTION OF TITLE

The Supplier will retain title to (but not risk in) a Product delivered to the Buyer until The Supplier has received payment in full for such Product from the Buyer.

Until such payment, the Buyer holds the Product as bailee for The Supplier and may not sell or otherwise dispose of the Product unless authorised by The Supplier.

If the Product is sold, the proceeds of sale will be placed in a separate trust account pending payment to The Supplier. The Buyer will store the goods in such a way as to enable them to be separately identified and will keep them insured at its own expense with The Supplier's interest noted on any such insurance cover.

If the Buyer fails to make any payment when due or becomes bankrupt or becomes insolvent, or has a judgement entered against it in any Court or enters into any scheme of arrangement, composition, or assignment or is in receivership or voluntary administration or liquidation, the Buyer grants The Supplier licence to enter any of the Buyer's premises where the Product is stored, and without notice, to re-take possession of and remove, at the Buyer's cost and expense, the Product in respect of which title has not passed to the Buyer.

### RIGHTS FORFEITED

The buyer forfeits any right or claim against The Supplier if:

1. The system is not turned off when the residents are away for over 24 hours
2. The system is not serviced by a Licensed Plumber every 12 months. i.e. replacement of filters, PLV check and assessment of general condition of system.
3. Product damage results from water hammer, freezing, neglect or is not installed by a licensed plumber in accordance with the installation plan
4. The product is operated with a water temperature higher than 38° Celsius.
5. The product is subject to water pressure that exceeds 700kpa
6. The system is not installed with an Australian Standards approved Pressure Limiting and Dual Check Valve

### SEVERENCE

If any of these terms or conditions or becomes for any reason wholly or partly invalid, that term or condition shall to the extent of the invalidity be severed without prejudice to the to the continuing force and validity of the remaining terms and conditions

### JURISDICTION

The Supplier and the buyer agree that this agreement and its provisions shall be construed in accordance with the laws of the State of South Australia and be resolved by a South Australian Court.

# ***SERVICE RECORD***

*Installation Date:*                    \_\_\_/\_\_\_/\_\_\_

*Next Service Due:*                   \_\_\_/\_\_\_/\_\_\_

*1<sup>st</sup> Service:*                            \_\_\_/\_\_\_/\_\_\_

*Serviced By:*                            \_\_\_\_\_

*Next Service Due:*                   \_\_\_/\_\_\_/\_\_\_

*2<sup>nd</sup> Service:*                            \_\_\_/\_\_\_/\_\_\_

*Serviced By:*                            \_\_\_\_\_

*Next Service Due:*                   \_\_\_/\_\_\_/\_\_\_

*3<sup>rd</sup> Service:*                            \_\_\_/\_\_\_/\_\_\_

*Serviced By:*                            \_\_\_\_\_

*Next Service Due:*                   \_\_\_/\_\_\_/\_\_\_

*4<sup>th</sup> Service:*                            \_\_\_/\_\_\_/\_\_\_

*Serviced By:*                            \_\_\_\_\_

*Next Service Due:*                   \_\_\_/\_\_\_/\_\_\_

*5<sup>th</sup> Service:*                            \_\_\_/\_\_\_/\_\_\_

*Serviced By:*                            \_\_\_\_\_

*Next Service Due:*                   \_\_\_/\_\_\_/\_\_\_

*6<sup>th</sup> Service:*                            \_\_\_/\_\_\_/\_\_\_

*Serviced By:*                            \_\_\_\_\_

*Next Service Due:*                   \_\_\_/\_\_\_/\_\_\_

*7<sup>th</sup> Service:*                            \_\_\_/\_\_\_/\_\_\_

*Serviced By:*                            \_\_\_\_\_

*Next Service Due:*                   \_\_\_/\_\_\_/\_\_\_

*8<sup>th</sup> Service:*                            \_\_\_/\_\_\_/\_\_\_

*Serviced By:*                            \_\_\_\_\_