

## Troubleshooting

Flush membrane prior to using this guide

Problem	Cause	Rectification
Little or no flow	Low inlet water pressure	Increase water pressure above 300Kpa
	Blocked sediment or carbon cartridge	Replace cartridge
	Flush valve open	Close flush valve
	Air lock	Slowly rotate system while running water to remove trapped air
High TDS RO water	Inlet water TDS too high	Reduce inlet water TDS find alternative water source
	RO membrane defective/ exhausted	Replace RO membrane
Leak from housing cap	Housing cap not tight enough	Use supplied spanner to tighten cap
	Inlet pressure too high	Reduce pressure
	Housing seal 'O ring' defective/ not seated	Check housing 'O ring' is seated properly/ replace if defective
Leaks from push fit fittings	Pipe not pushed in correctly/damaged *Note*	Check end of pipe for damage/ ensure pipe is pushed all the way into fitting
	O ring/ thread tape not fitted	Fit replace 'O ring' install thread tape
	Defective fitting	Replace fitting

\*Note pipe should be cut with sharp knife or PVC pipe cutters, not pliers, wire cutters etc.\*

# RO PRO

RODI

Instruction manual



[www.australianwaterfilter.com.au](http://www.australianwaterfilter.com.au)

## Introduction

Thank you for purchasing this RODI system.

RODI produces the highest quality water of any filtration system, it will remove fluoride, minerals, bacteria, heavy metals, parasites and more, this RODI system is also fitted with an activated carbon filter, the carbon filter will remove chlorine, pesticides and other chemicals.

This product has been extensively tested by industry professionals for water quality, construction and operation.

Please read this instruction manual carefully to ensure trouble free operation of your unit.

## Maintenance

Periodically the membrane will require flushing.



To flush the membrane.

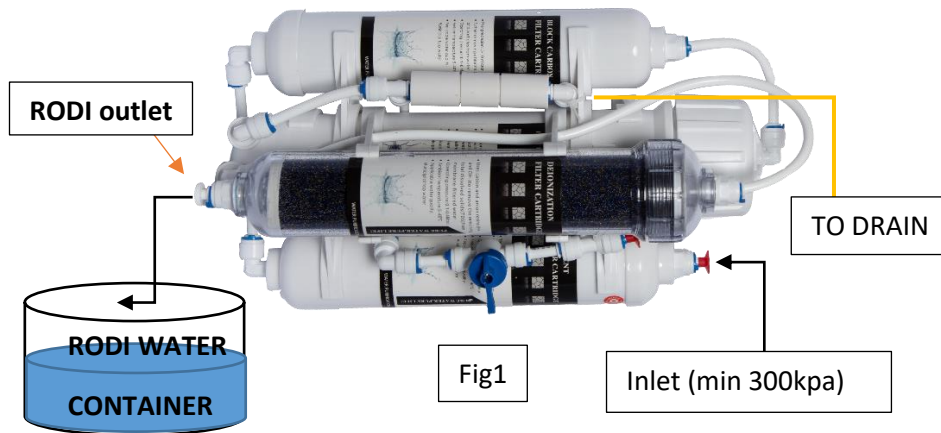
- 1) Open flush valve [A]
- 2) Run RO system for 5 minutes
- 3) Close flush valve [A]

## Maintenance schedule

After 5000 litres	Replace carbon filter*
After 8000 litres	Replace sediment filter
3 -5 years	Replace membrane
Every 10 hours of use	Flush membrane 5 mins

\*Failure to replace carbon filter will result in shortened lifespan of RO membrane

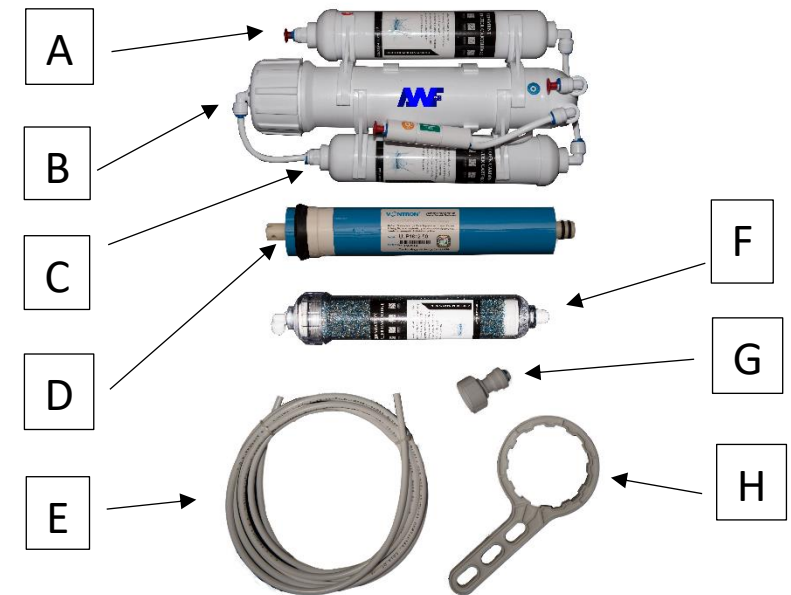
## Connecting the system



System must be installed in horizontal position with inlet at the bottom (as shown Fig1)

- 1) Remove the plastic transport caps.
- 2) Cut the supplied pipe to desired length  
*\*use a sharp knife or PVC pipe cutters, do not use pliers or wire cutters as these will crush the pipe\**
- 3) Install the DI Cartridge (connect to RO outlet as shown)
- 4) Use the supplied tap connector to attach to tap. \*note a reducer may be required for some taps\*
- 5) Connect RODI outlet and place in collection container.
- 6) Connect waste outlet and run to drain or on ground
- 7) *Flush the membrane before first use* (see maintenance)

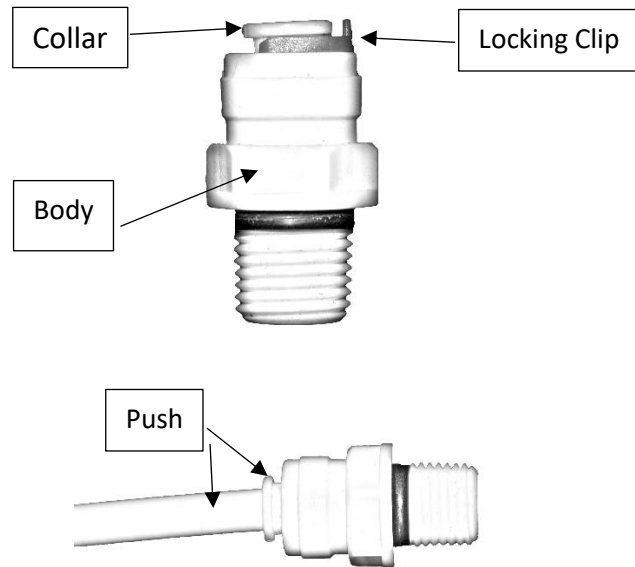
## Kit Contents



- A – Sediment filter
- B – Membrane Housing
- C – Activated carbon block
- D – 75GPD Membrane
- E – 3 metres 1/4" Pipe

- F – DI Cartridge
- G – Tap connector 3/4"
- H – Cap Spanner

### Push-fit fitting operation.



#### To remove pipe

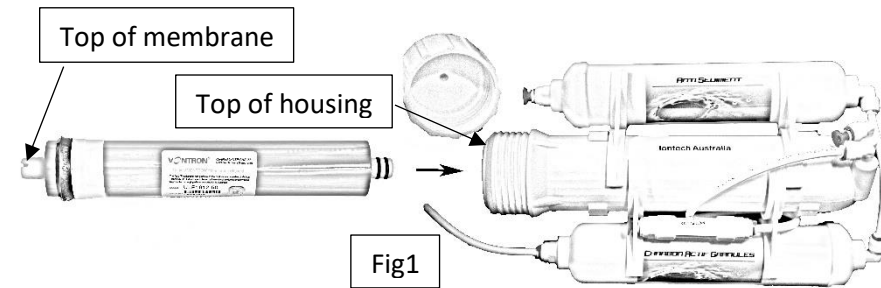
- 1) Remove locking clip.
- 2) Push down on locking collar and pipe together.
- 3) Hold collar down and pull pipe out.

#### To insert pipe

Note\* moisten fitting with soapy water

- 1) Push pipe firmly into fitting (do not push on collar)
- 2) Replace locking clip

### Installation of membrane



- 1) Remove pipe from housing cap.
- 2) Using supplied spanner, remove housing cap.
- 3) Install membrane into membrane housing as shown in fig1.
- 4) Ensure membrane is pushed all the way into housing, top of membrane should be flush with top of housing.
- 5) Replace housing cap.
- 6) Replace pipe