

# Operating & Cleaning Instructions

Filter Tap

1311064 Filter Tap (5 micron filter) DA

## Read these warnings first

Please read all installation requirements, installation procedures and precautions before installing any Filter Tap.

Never attempt to install any Filter Tap without reading all of the applicable instructions.

The outlet from any Filter must be connected directly to an outlet spout on the sink and must not be obstructed by a tap or valve or in any other way.

All plumbing connections must be made in accordance with AS3500.

Before installing, ensure there is cold water supply with a minimum working pressure of 50 kPa and a maximum working pressure of 750 kPa.

If pressure may exceed 750 kPa, a pressure limiting valve must be installed.

## Install the filtration unit

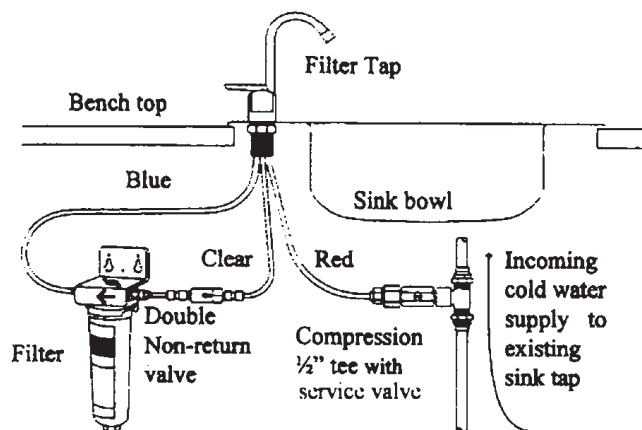
The filtration unit should be mounted as close as possible to the front of the cupboard, to allow for ready and easy access during filter changes.

Usually the side of the cupboard, near the door, is most suitable.

Using the two screws provided, screw the filter head to the inside of the cupboard, allowing 260 mm minimum between the underside of the filtration head and any obstructions like shelves, etc.

Write the installation date on the filter cartridge. Fit the cartridge into the housing. The model you have may appear slightly different to that illustrated, however, operation and function is identical.

Align the tabs of the cartridge with the filter housing and insert it into the socket. Turn the cartridge a quarter turn to the right until it stops and locks into position.



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## Installing the Filter Tap

Position the filter tap at the back of the sink where there is a 45 mm wide flat area within the draining areas of the sink. The recommended position is over one corner of the bowl. Make sure the selected position allows the spout to overhang the sink bowl.

The cutout size is 25 mm. Mark the centre of the new Filter Tap position on the sink with a centre punch. Drill out the centre of the hole to allow the screw of a sheet metal punch to pass through the sink. Use a 25 mm sheet metal punch to neatly open up the hole.

Remove the nut and washer from the base of the Filter Tap, and pass the tubing through the sink until the Filter Tap sits upright within the hole you just created in the sink surround.

Orient the Filter Tap so that the activating lever is away from the sink bowl. Slide on the washer and nut from beneath the sink, and tighten the nut to secure the Filter Tap firmly into place.

Three tubes hang from the bottom of the Filter Tap; red, clear and blue.

The red tube connects to the incoming water supply via the Birko service valve.

The clear tube connects to the inlet (high side) of the filter via the DNR valve.

The blue tube connects to the outlet (lower side) of the filter through a push-fit fitting.

Take care, when bending plastic tubing, prevent it from kinking or crushing on a bend.

Please be careful with the colour and connection of the tubing on the Filter Tap.

Do not connect the tubes in any other arrangement than that described here. The filter cartridge and the Filter Tap have directional flow connections that will not work if connected incorrectly. Incorrect installation will void any product warranty.

Note that the flow direction of the filter housing is indicated by an arrow on the filter housing.

Measure and cut the blue tube to length so that it runs around the back of the cupboard to the lower side of the filter housing. Use a tube cutter to cut the end off the tubing neat and square, so that there are no dags or rough edges. Shake the tube vertically to allow any debris to fall out of the tube before inserting it into the filter head.

Push this end of the blue tube firmly into the John Guest socket on the lower side of the filter head.

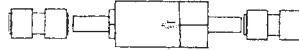
It must push in at least 10 mm. Test the connection by trying to pull the tube out. If it comes out, re-insert it so that it won't come out when pulled against.

Measure and cut the clear tube of the Filter Tap to length so that it runs around the back of the cupboard from the bottom of the Filter Tap to the high side of the filter housing. Leave a little extra slack in this line for the connection of the DNR valve.

Connect the clear tube to the John Guest fitting on the high side of the filter housing, using the same method as described for the blue tube.

# Operating & Cleaning Instructions

## Installing the Filter Tap Continued



### Install the DNR Valve

The DNR valve must be inserted into the clear tube between the Filter Tap and the filter cartridge.

Plan the position of the DNR valve so that it can be seated into a retaining clip screwed to the cupboard wall.

Cut the clear tubing where the DNR valve is to be installed. Take two of 1/4 x 5/16" (JG) fitting into each end of DNR valve stem. Push it in firmly until it stops.

Insert the clear tube end into the (JG) fitting on the left side of the DNR valve.

Take the one metre white tube from filter kit.

Cut the tube to length where the DNR valve is to be installed.

Insert the white tube end into the (JG) fitting on the left side of the DNR valve.

Insert the other end of white tube into the (JG) fitting on the right side of the filter head. Note the directional arrows on the body of the valve. It must end up connected so that they point towards the filter cartridge and away from the Filter Tap.

Screw the retaining clip to the cupboard wall using the self-tapping screw provided. Push the DNR valve assembly into the retaining clip so that the clip supports its weight and causes no strain on the tubing.

### Connect the water supply

Locate the existing cold water pipe to the existing cold tap. Cut out approximately 40 mm and connect the 1/2" compression tee into this pipe.

The water inlet valve assembly attached to the tee, is supplied with a service valve to permit the water supply to be turned 'off' (within the cupboard), for servicing of the Filter Tap, and/or for filter cartridge replacement.

Orient the service valve so that the adjustable screw always remains visible and accessible. Measure and cut the red tube from the Filter Tap to length so that it runs around the back of the cupboard to the end of the water inlet valve assembly. Connect it in the same method as described to connect to the DNR valve, using a brass insert in the end of the tube. Clip all tubes to the cupboard.

### Fill the system

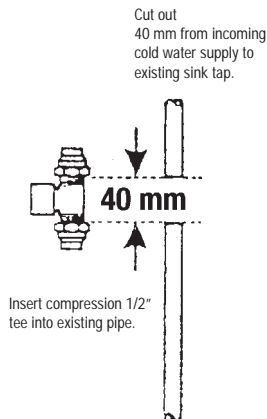
Turn 'on' the water supply. Check the connections for leaks. Repair any found.

The filter and tubing are full of air until purged, and the filter cartridge requires activation when first installed. Flip up the operating lever on the Filter Tap for a minimum of five minutes until all of the air has been purged from the system, and the cartridge has time to become fully activated.

Every time the filter cartridge is replaced, repeat this procedure of a five minute flush to activate the new cartridge properly.

### Complete the installation

Leave these instructions with client.



Off



On

Rotate 90° to operate.

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### Filter Replacement and Operating Procedures

#### Filter Replacement

Not changing cartridges when required may cause the water to become biologically unsafe.

Thoroughly flush the water through if the filter tap has not been used for more than 12 hours. For safe operation, the filter cartridge should be replaced at least every 6-12 months, or earlier if you notice a persistent reduction in water pressure from the Filter Tap, or an unpleasant taste or odour in the water.

Use only a Birko filter cartridge to match that of your Filter Tap. Replacement cartridges can be obtained through plumbing suppliers or directly from Birko.

Replacing a Birko Filtration cartridge is as easy as 1-2-3.

1. Unplug the old cartridge
2. Plug in the new cartridge.
3. Purge the filter system by flipping the Filter Tap lever open (on) for a few minutes until the water runs clear.

Standard cartridge - 1311047

Optional Cartridge - 5 Micron T.A (with scale inhibitor) - 1311049

Sub Micron T.A (with scale inhibitor) and for areas where cysts may be an issue - 1311068

Replacement Filter Head if needed - 1311063



#### Operating

You can obtain filtered water within the rated capacity for as long as you press down the lever, or for longer periods e.g. like when filling a glass or carafe) by lifting the lever up until it clicks and stays open. Flip it back down to stop the flow.

#### Cleaning

Never use strong, corrosive or abrasive cleaning materials on the Filter Tap. Wipe the outer surfaces clean with a sponge or a soft cloth using a mild soap and water.



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## Warranty Information

### Warranty Information

The Birko appliance you have chosen is precision-built from the finest materials available and should give many years of trouble free service.

Birko Heaters Australia Pty Ltd warrants that, should any part fail within 12 calendar months of installation, that part will be repaired or replaced free of charge by Birko or its Distributor or Service Provider, except as set out below, provided the appliance is installed and used strictly in accordance with the written instructions supplied, and that the failure is not due to accident, misuse, abuse, unsuitable water conditions, or to any alteration, modification or repair by any party not expressly nominated by Birko.

No costs are payable by the customer other than any mileage or travelling-time charges incurred by a Birko Service Provider or the cost of removal, cartage and re-installation of any component of the appliance if it needs to be returned for repair to Birko or its Distributor.

This warranty does not cover damage resulting from non-operation of the appliance or consequential damage to any other goods, furnishings or property.

Furthermore, this warranty does not displace any statutory warranty, but, to the extent to which Birko is entitled to do so, the liability of Birko under any statutory warranty will be limited at Birko's option to the replacement of the appliance or supply of equivalent appliance, the payment of the cost of replacing the appliance or acquiring an equivalent appliance, or the payment of the cost of having the appliance repaired or the repair of the appliance.

### Registering Your Purchase

Registering your purchase on the Birko website may help to establish date of purchase should it become necessary to service the appliance under terms of the Birko warranty. To register your installation go to [www.birkoheaters.com](http://www.birkoheaters.com) and look under the heading "Warranty".

### **Important**

#### **Birko Filter Cartridge**

Your new Birko Water Filter is supplied with the protective plastic covering to ensure the highest level of hygiene and to prevent bacteria entering the product. Under no circumstances can the product be returned once the protective cover is removed.



**birko**