

# FITTING INSTRUCTIONS FOR INLINE DISPOSABLE WATER FILTER CARTRIDGES

## MODEL No. - AIC-10



AIC-10 cartridge with spanner

### OVERVIEW

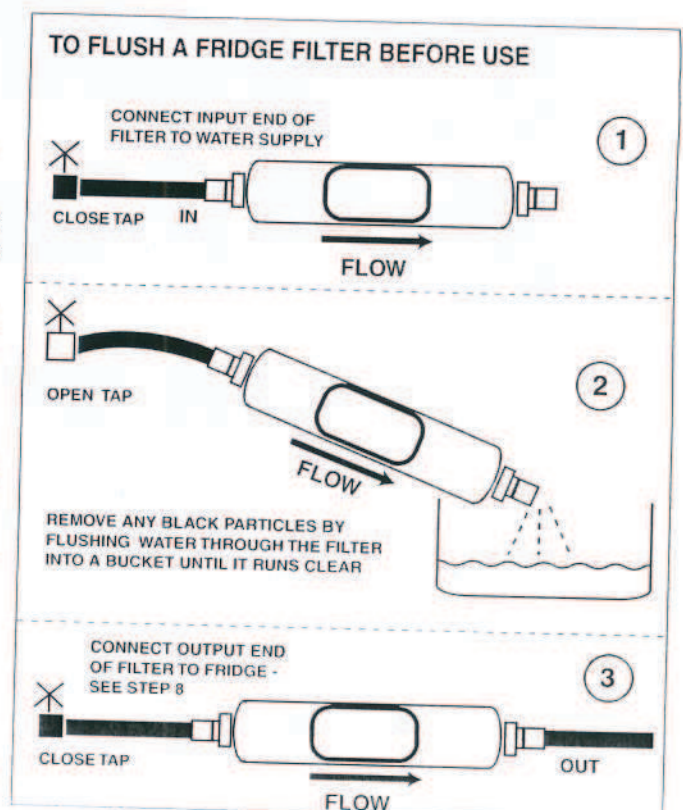
AIC-10 cartridge can replace almost any in-line disposable water filter cartridge. The fittings supplied are for 1/4" (6.4mm) **OUTSIDE DIAMETER** plastic flexible piping - if your tube size is different you will need conversion tails. The cartridge may discharge a small quantity of black particles when first flushed - these are harmless and normal. You can avoid getting these particles into your fridge by following the flushing procedure shown in the diagrams opposite.

### TROUBLESHOOTING

- Q** I have a problem releasing the pipe from the old cartridge.
- A** If you have 1/4" tube, you can cut the tube close to the filter connectors. Cut the tube **SQUARELY** using a Stanley Knife - it is best to do this in a rolling motion.
- If you have tube other than 1/4" OD, you may wish to get the conversion tails first before cutting this tube - this will mean you can still use your filter until the conversion connectors arrive.

### FITTING INSTRUCTIONS

- 1 Turn **OFF** the water supply to the filter.
- 2 Open the tap or take water from the dispenser to relieve the pressure in the pipework.
- 3 Disconnect the old filter. **If you are fitting our cartridge for the first time remove any existing nuts or connectors on the ends of the tube.**
- 4 Check that your existing pipework is 1/4" (6.4mm) OD - if not see section opposite. **TO CONNECT OTHER TUBE SIZES (NOT 1/4"OD).**
- 5 To connect the new cartridge **SEE OVERLEAF.**
- 6 If your cartridge is for use with a fridge, follow the flushing procedure shown opposite before attaching the **OUTPUT SIDE** of the filter.
- 7 See overleaf and repeat step 5 to connect the **OUTPUT** side of the filter.
- 8 Turn the water back on and check for leaks.  
Flush the cartridge for 3 minutes or until it runs clear.
- 9 Check for leaks again after 10-15 minutes.
- 10 Refer to your owners manual to reset the filter change warning light.



# DETAILED INSTRUCTIONS ON HOW TO CONNECT YOUR CARTRIDGE - FROM STEP 5 OVERLEAF

PLEASE READ THESE INSTRUCTIONS CAREFULLY - FAILURE TO FOLLOW THESE INSTRUCTIONS PROPERLY COULD RESULT IN A SERIOUS WATER LEAK

TOOLS REQUIRED FOR PROCEDURE	
1 Stanley Knife - if tube cutting is required	
AND	
2 Adjustable Spanner	
OR	
3 16mm or 5/8" AF open ended spanner	
OR	Tools 2 and 3 are not required when the spanner provided (see picture overleaf) is used
White spanner - provided	

**5A** Ensure that the tube ends have been cut squarely and are free from internal and external burrs - if not trim the tube back with a Stanley knife cutting squarely in a rolling motion.

**5B** Find the plastic bag containing the compression nuts and tube inserts - they are stapled to these instructions and **MUST** be used. (unless you are replacing an existing cartridge where the existing nuts and tube inserts can be used).

**5C** Remove one compression nut from the bag and slide it - back end first over the INPUT TUBE.

**5D** Remove one of the tube inserts from the small plastic bag and insert it into the end of the INPUT tube. If you find this difficult warm the end of the plastic tube by immersing it in hot water. This will soften the plastic to enable easy insertion of the tube inserts.

**5E** NOTE THE DIRECTION OF THE FLOW SHOWN ON THE CARTRIDGE - SEE THE ARROW.

**5F** Keeping the tube in position against the tube stop - use the plastic spanner provided (or 16mm / 5/8" AF / adjustable spanner) and tighten the compression nut until there is a gap of 1 or 1.5mm between the compression nut and the fitting nut - do not overtighten.

**5G** Check your connection by giving the INPUT tube a firm tug, if the tube pulls out remake the connection and check again - ENSURE THAT YOU USE THE SMALL PLASTIC INSERT that fits in the inner bore of the tube. Do not use the filter until a secure connection is made.

**NOTE:** THE PROCEDURE TO CONNECT THE OUTPUT SIDE OF THE FILTER IS THE SAME AS CONNECTING THE INPUT SIDE - HOWEVER YOU MUST FLUSH THE CARTRIDGE FIRST

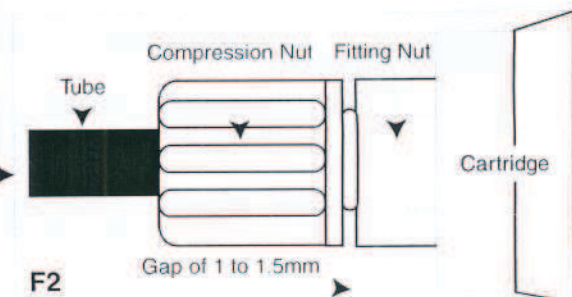
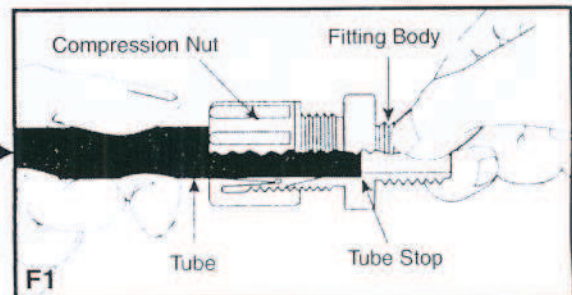
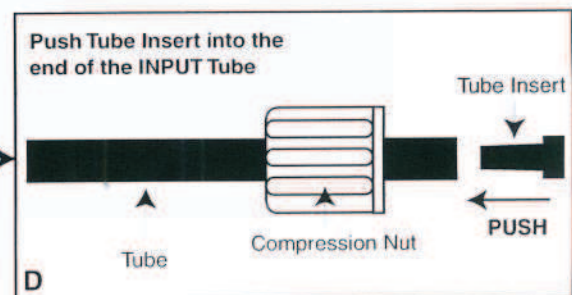
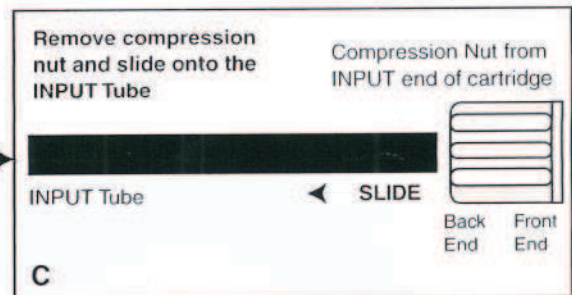
**5H** Now proceed to **step 6** on the front of this sheet - FLUSHING PROCEDURE.

### Water Feed Pressure

Max. 90 psi (6 bar)  
Min. 15 psi (1 bar)

### Operating Temperature

Max. 40°C  
Min. 3°C



## IMPORTANT

If you are installing our cartridge for the first time you **MUST** use the nuts and tube inserts in the attached packet.

Nuts from your old cartridge (if it wasn't supplied by us) **WILL NOT FIT THIS CARTRIDGE.**

Please **READ** the enclosed instructions **BEFORE** attempting to install this cartridge.

Note that cartridge GS10J is exactly the same as AIC-10