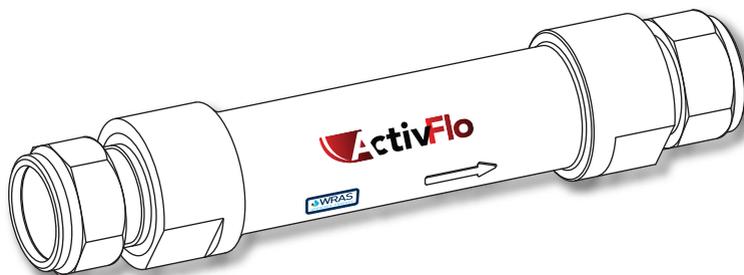




ActivFlo

Water Conditioner

Installation Instructions



In this procedure document we have endeavoured to make the information as accurate as possible.

We cannot accept any responsibility should it be found that in any respect the information is inaccurate or incomplete or becomes so as a result of further developments or otherwise.

Activ-Tec Ltd

Airfield Industrial Estate
Hixon
Staffordshire
ST18 0PF

Tel: **01889 272 197**

Fax: **01889 272 181**

email: **sales@activ-tec.com**

web: **www.activ-tec.com**

Introduction

Limescale forms in hard water areas most notably when water is heated. As water heats up its capacity to hold calcium in solution reduces and the water can become super saturated with calcium ions.

ActivFlo utilises a catalytic method of water treatment, it has no wires, requires no power sources or salt and does not add or remove anything from the water.

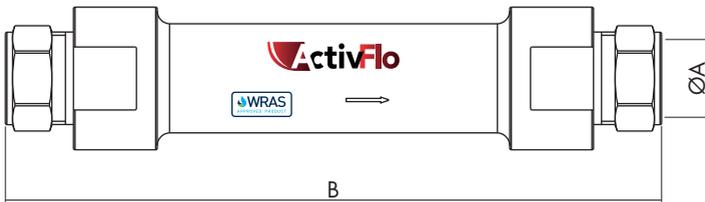
Inside the ActivFlo is its unique patented catalytic alloy made from a combination of semi-precious metals that react with water.

As the water flows through the ActivFlo the natural conductivity of the water causes the metals to react with one another generating an electrical field on the surface of the patented alloy.

This electrical field causes the calcium and bicarbonate ions to precipitate from the water forming an insoluble microscopic calcium carbonate crystal called aragonite.

The smooth surface of this aragonite crystal cannot adhere to surfaces in the same way as limescale and evaporate on surfaces such as shower screens, the deposits are much easier to remove and do not require chemicals or aggressive cleaning actions.

Dimensions



Model No.	ØA	B
AF015	15	158
AF022	22	200

Installation

To ensure optimum performance of the Activflo it is recommended that sizing and selection are completed using the selection chart, see page 2 of this leaflet.

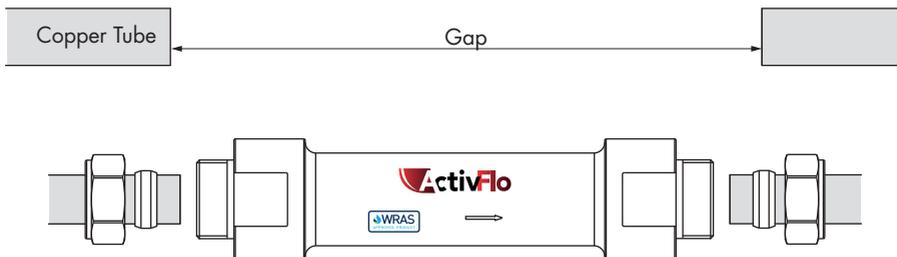
Once sized correctly, the Activ-flo should be installed on the incoming water main supplying the property, immediately after the stop-cock and before any draw off points or heating equipment.

The Activflo can be installed into new or existing copper pipe systems using the compression couplings and following the procedure below;

- Before commencing turn off the water supply and have a container to collect any excess water draining from the pipework.

Installation

- Cut out a suitable length of tube from the pipework.

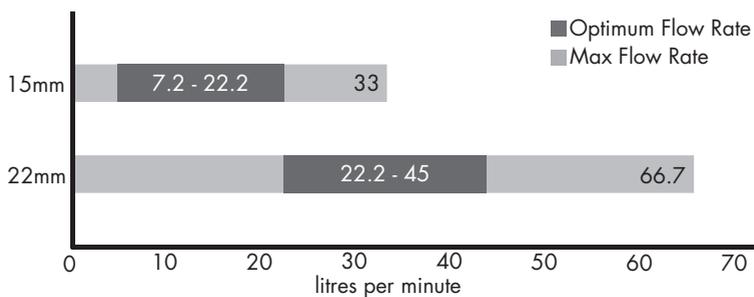


- Ensure that the Activflo is installed with the flow direction arrow pointing in the same direction as the water flow.
- Make and tighten both compression joints.
- Turn on the water supply and check to ensure water tight joints.

Activflo

Maximum operating Temperature:	85°C
Insulation will be required below 0°C	
Maximum pressure:	16 bar
Minimum pressure:	0.1 bar
WRAS approved product:	Yes

Operational Flow Rates



Please leave this Manual for the User

To activate your product warranty please visit

www.activ-tec.com

and click on Product Registration

Activ-Tec Ltd

Airfield Industrial Estate
Hixon
Staffordshire
ST18 0PF

Tel: **01889 272 197**

Fax: **01889 272 181**

email: **sales@activ-tec.com**

web: **www.activ-tec.com**