



How does Nova-Flo™ work ?



No Electrics

Nova-Flo works on Magnets alone!

The Nova-Flo™ unit interrupts the hot and cold water supplies leading to the taps and the overflow pipe work from the bath. It is installed completely out of sight.

Everything works normally unless water pours through the overflow pipe indicating the bath is full.

The overflow water lifts a float in the centre of the unit which triggers two magnetic valves in the water supplies - thereby substantially shutting off the flow to the taps.

There will remain a very small stream of water running through the taps which encourages the user to turn them off - thereby resetting the Nova-Flo™ unit once there is no more water going through the overflow outlet.

When the taps are turned on again everything reverts to full flow and the Nova-Flo™ unit is entirely reset.



*As seen on BBC2
Dragons' Den*

**Nova-Flo™ is
Designed and
Made in UK**



The World's Best Bath Anti-Flooding Device

Taps left running can lead to a flood. The existing overflow outlet in a bath is often insufficient to drain the excess water resulting in the bath overflowing.

Hoteliers know all too well the consequences of guests flooding their bathroom suite. Whether accidental or intentional, water pouring through a number of floors before detection leads to distress, disruption and hefty repair bills.

Every year around the world this problem costs the hotel industry hundreds of Millions of Dollars, not to mention the damage to reputation.

When a Nova-Flo™ unit is installed, as soon as the bath is at maximum capacity the taps automatically stop flowing. To reset them, all that is required is to turn the taps off and then back on again. The unit requires no prior understanding of how it works for it to operate every time.

Nova-Flo™ Utilises simple magnetic valves so there's no need for any electrical supply or batteries. In fact there is zero maintenance at all, just fit & forget.

Designed to fit behind virtually any bath, Nova-Flo™ is compact enough to be installed by any competent plumber quickly and will last the lifetime of the bath.

Nova-Flo™ Benefits

- Easy to Install - Retro-fit or New Build
- Maintenance Free - Fit & Forget
- Safe - No Electricity or Batteries Used
- Simple - Intuitive User Reset
- Invisible - Entirely Hidden
- Green - Saves Water and Energy Wastage
- Payback (ROI) - Within 12 Months

Fit Nova-Flo™ and
we **Promise** to
Save You Money on

- Out of Action Rooms**
- Ceiling repairs**
- Replacement Carpets**
- Replacement Furniture**
- Rewiring**
- Re-plastering**
- Repainting**
- Damage to Reputation**

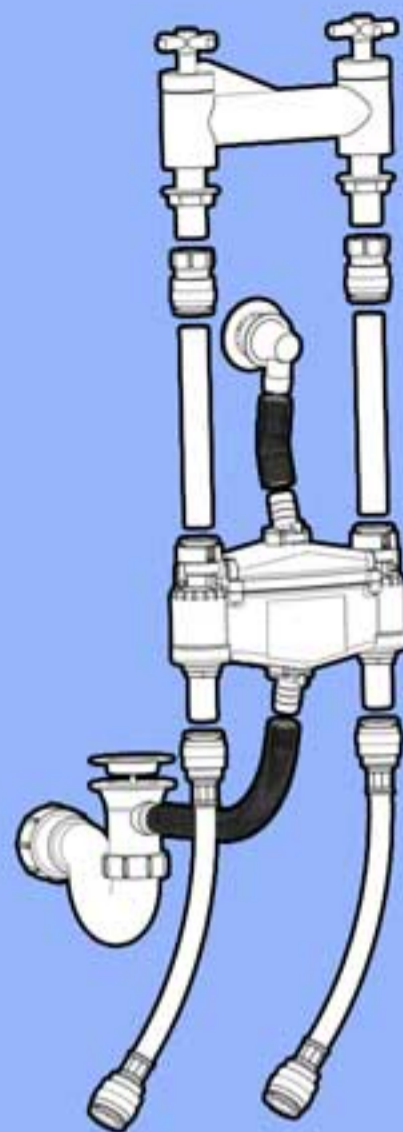
Caused by baths overflowing

Up until now bath floods have simply been a calculated risk every time a bath is filled

www.nova-flo.com

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How is Nova-Flo™ fitted ?



The above images show a typical completed Nova-Flo™ installation and exploded line drawing for bath mounted taps.

With the confined space behind a bath, traditional compression fittings are unsuitable since there is no room to swing a spanner. Push-in pipe connections are the obvious solution for ease of installation. Apart from the connections to the taps, every other pipe join simply pushes together.

Hot or cold supply pipes can be fitted to either side of Nova-Flo™ to eliminate any guesswork.

As standard, Nova-Flo™ allows for 22mm pipe work (or using 15mm with an enlarger). Internal bore dimensions run at 17mm so it can be used with booster pumps, power showers or simply a header tank with no loss of performance.

The existing plastic overflow pipe needs to be cut at the right place and each end pushed onto the barbed connections. These will provide a secure watertight fit. (the two most common size barb connectors are supplied per Nova-Flo™ unit).

The width between the pipe connections on Nova-Flo™ has been designed to accommodate bath mounted tap supplies of 180mm. Other taps such as wall mounted or overflow-fillers will require an adaptation of the plumbing pipe work. Contact us for more information on these.

Please note that you may need to purchase relevant plumbing connections to connect a Nova-Flo™ unit which are not supplied. We can advise and supply these if required.

Installation time is generally under one hour for bath mounted taps.

Nova-Flo™ features  Speedfit® Connections to ease installation.

Nova-Flo™ has been tested to WRAS Acceptance Criteria Test Code 1212.3 Issue 4 January 2000 under BS EN ISO / IEC 17025:2005 UKAS Accredited Test Lab.

Green Payback

Because Nova-Flo™ works for you, the moment it is fitted you will immediately enjoy protection from the high-costs associated with a bath flood.

The costs and environmental impact of a flood are direct and consequential.

Direct Cost

Bath taps can dispense up to 80 litres per minute! So, if your bath does flood, this is how much carbon you contribute to the atmosphere within an hour.

- 10 minutes 380g
- 20 minutes 760g
- 40 minutes 1520g
- 60 minutes 2280g

Consequential Cost

Typically, water damage will cause many thousands of pounds worth of damage to your hotel:

- New ceiling
- New carpets
- New furniture
- New electrical equipment
- Re-wiring
- Re-plastering
- Re-painting

And the list goes on!

Replacement of each of these does of course depend on the severity of the flood.

All of these consequences of a flood have an environmental footprint. This potential carbon wastage will all be entirely eliminated when you fit Nova-Flo™.

Nova-Flo™ is a registered Green Achiever

Multi Award Winning Product



British Plastic Federation's Highly Commended Certificate 2008

Lambeth Business 'Innovation Award' 2008

Working Buildings Week 'Best Innovation in Building Services 2007'

Institution of Engineering Designers Best New Product

Prudential Championship Award Best Innovation



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