How to install a **Combimate**

Combimate is a quick and simple to solution to install, direct onto the cold-water supply. It provides plumbers with the confidence that they are installing a highly effective limescale prevention solution – while offering customers piece of mind that their boiler is fully protected against limescale build-up, maintaining its energy efficiency.

The inlet and outlet connections use **15mm or 22mm** compression fittings (depending on model) and should be installed at least 0.5m from any local sources of heat such as boilers or hot water pipes. Combimate is a plumbers best friend as it can be installed in various configurations allowing maximum flexibility of pipework configurations.

Product codes:

Combimate (15mm fitting): COM1 Combimate (22mm fitting): COM2

16Imm 7Omm 15Imm

A plumbers best friend

What are the benefits of installing?

- Quick and easy to install direct onto the cold-water supply
- Annual maintenance during a boiler service provides additional revenue
- Significantly reduces limescale build up in boilers
- Keeps boilers running efficiently
- Highly cost effective over the lifetime of the product

What are the benefits of installing a Combimate for my customer?

There are many reasons why plumbers recommend Combinate to their customers:

- Highly effective limescale prevention solution
- Retains all the health benefits of natural tap water
- Maintains energy efficiency of boiler
- Does not use electricity or magnets
- Market leading lifetime guarantee
- No annual replacement cartridge required reduces landfill waste

Tried and tested

Combiphos is a tasteless and odourless polyphosphate compound specifically developed to provide the most effective limescale prevention in flow through installations.

Combiphos is recognised by the World Health Organisation as a 'food-grade' additive and meets BS EN 1208 standards. Polyphosphate dosing has been used to safely treat water globally for decades.







Cistermiser

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from



Cistermiser

The ultimate limescale prevention solution...

It's the Combimate's balls!

Easy to install direct to the mains cold water supply

 Annual refill maintenance during boiler servicing
provides additional revenue

Significantly reduces limescale build-up in boilers

Cost effective over the lifetime of the product

Protecting homes since 1987



LIFETIME SCALE PREVENTION WARRANTY

Do I need to install a **Combimate?**

Installing a Combimate is highly recommended for all domestic properties located in hard water areas.

Limescale from hard water damages household appliances and can cripple central heating systems. With **70% of the country affected**, left untreated it can result in costly damage.

What are the effects of hard water?

Hard water dry's skin and hair and can prevent soaps and shampoos from lathering properly. It can cause spotting on glasses and silverware, fading of clothes and even discolouration of baths and sinks. It can also lower the lifespan of appliances that use water such as kettles, shower heads and washing machines.

However, these issues only scratch the surface. The hidden buildup within a plumbing system can lead to various problems, including decreased water flow and blockages which places excessive strain on pipes and fixtures.

Fixtures.

moderately soft

Medium to hard

How does limescale affect a domestic boiler?

For central heating systems, the primary concern is limescale build-up.

Limescale acts as an insulator on heating elements, reducing their effectiveness and requiring more energy to achieve desired temperatures, leading to increased energy costs. Over time, this buildup can obstruct water flow, diminishing heat output and causing uneven heating throughout the home.

If left unchecked, these deposits can solidify and cause blockages. In fact, for every 1.6mm, or 1/16" of scale in a heating system, causes a 12% loss in heating efficiency. Energy waste is only part of the equation. Scaling can cause premature failure of the boiler heat exchanger. When this occurs, this component will then need to be replaced and in some instances the scale of the damage can be so severe it leaves entire boilers beyond repair, leaving homeowners requiring a new



How does **Combimate** work?

Combimate is a British manufactured, user-friendly, highly effective limescale prevention device that is plumbed directly into the cold-water supply.

Combiphos is added into the main chamber to ensure measured phosphate doses of Combiphos are continually dispensed as water flows through the unit.

Maintaining and refilling Combimate is quick and simple and can be easily integrated into a scheduled boiler service.



- 1 Cold water in
- 2 Combiphos treated water out
- 3 Screw cap for easy refilling
- 4 Transparent dome
- 5 Fixing holes
- 6 Combiphos spheres
- 7 Divider tray

Prevention is better than cure... with a lifetime guarantee

If Combimate is installed at the same time as a new boiler and the Combiphos is replaced annually, Cistermiser guarantees that the new boiler, new heat store or new heat exchanger will not scale up.

Cistermiser is so confident that your boiler will remain free from limescale by simply installing a Combimate onto a new boiler and annually refilling Combiphos, that if the unit it is protecting experiences significant scaling, we will pay £500 towards the cost of repair or replacement.*

*Subject to Cistermiser's warranty policy

Why choose Combimate?

- ✓ Easy to install direct to the mains water supply
- Annual refill maintenance during boiler servicing provides additional revenue
- ✓ Significantly reduces limescale build-up in boilers
- ✓ No power required
- ✓ Simple annual Combiphos refill
- Cost effective over the lifetime of the product
- ✓ Keeps energy costs down