Cistermiser Ltd FREEPOST RG502 Reading RG5 3BR

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Annual Combiphos refill

Your Combimate has been installed to provide either complete system protection or single appliance protection. Inside the dome is a removable Divider Tray that allows you to select the quantity



of Combiphos that the Combimate can hold. Single appliance protection

Divider Tray to remain in place (place 400g of Combiphos on to tray)

Complete system protection Divider Tray must be removed (fill dome with 800g of Combinhos)

Refill instructions

- Depress the two red buttons and pull the cover away from the unit (Water flow through the unit is shut off when the cover is removed).
- Place a bowl under unit to catch any residue. Unscrew red filler plug using the spanner provided. Unscrew and remove aluminium ring.
- 3 Remove dome from base, empty exhausted Combiphos and clean base. Fit new 'O' ring seal, refit dome and aluminium ring. Refill with new Combiphos through hole in dome.
- Refit red filler plug and replace front cover. Hang spanner on hook.







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INSTALLATION GUIDE

LIMESCALE PREVENTION DEVICE

How your Combimate works

Your Combimate prevents the formation of scale and reduces corrosion in your water system by adding minute quantities of Combiphos to the cold water supply.

The Combiphos keeps the minerals in your water supply in suspension rather than allowing a scale deposit to form. When the water is heated the minerals pass through the system.

The Combiphos should be replaced once a year during normal use

Combiphos immersed in water for more than two months without regular water through-flow will start to deteriorate and eventually crumble into a solid mass. If the property within which the Combimate is installed is likely to be empty for extended periods, we recommend the Combimate be emptied of Combiphos and the Combiphos dried and stored.

Combiphos spheres are available to order at most good plumbers merchants or can be purchased direct from www.combimate. co.uk

IMPORTANT: Maximum inlet pressure 6.5 bar (100psi)

STEP ONE POSITIONING & CONFIGURATION

Combimate should be installed in a position where it is easily accessible. Combimate should be a minimum of 450mm from any local heat source to prevent water in the dome from warming and accelerating the rate of dissolution of the Combiphos.

Ensure the mounting wall is flat. An uneven wall surface may prevent the Combimate cover from fitting correctly. We suggest that you fix the pipes to the Combimate to the wall with Talon pipe clips.



The Combimate is supplied with a single check valve pre-fitted on the inlet side. (It can be identified by the directional arrow, as shown). The check valve will prevent backflow in

accordance with the Water Regs, Schedule 2, Section 6.3.

The cold water supply (rising main) should be piped up to this check valve. The check valve can be swapped to either pipe to suit your installation but must be positioned on the cold water supply inlet.

NOTE: The Check Valve MUST be on the inlet

It is recommended to install an isolating valve upstream of the Combimate. The Combimate can be installed in various configurations, allowing maximum flexibility of pipe work configurations. In order to keep the filler plug upright it may be necessary to rotate the dome relative to the base and re-locate the divider tray.

WARNING:

It is important that no soldering flux comes into contact with the plastic body of the Combimate.











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STEP TWO INSTALL COMBIPHOS

Your Combimate can be used to offer two different levels of protection, complete system protection or single appliance protection. Inside th dome is a removable Divider Tray which allows you to select the quantity of Combiphos that the Combimate can hold.

Single appliance protection

Divider Tray to remain in place (place 400g of Combiphos on to tray)

Complete system protection

Divider Tray must be removed (fill dome with 800g of Combiphos)

WARNING: Soldering flux will damage plastic. Ensure no flux comes into contact with the **Combimate**

Contact with soldering flux will cause eventual deterioration of the material and lead to leaks.

- 1. Offer the Combimate to pipework and connect. 7. Using hand pressure only, secure and tighten When tightening the compression fittings it is essential to HOLD THE INNER NUT WITH A SECOND SPANNER: this should prevent damage to the Combimate by over-tightening the compression fitting thread which enters the plastic body.
- 2. Depress the two red buttons located at either side of the cover and pull the cover away from the unit.
- (With the cover removed, water flow through the unit is shut off). (Fig 1).
- 3. Place a bowl under unit to catch any residue. Unscrew the red filler plug from the top of the dome using the spanner provided. (Fig 2).
- 4. Unscrew and remove the aluminium ring. Ease the translucent dome away from the base section noting the location of the large 'O' ring -----seal on the inside ledge of the base. Remove---the Divider Tray if required.
 - 5. Ensure the ledge for the 'O' ring is clean and fit 'O' ring seal in place. (Ensure the 'O' ring sits on ledge inside the white base; it does not fit over the dome).
 - 6. Replace the dome, ensuring the locating lugs line up and the dome is fully pressed home.

- the aluminium ring in a clockwise direction. (Should a leak occur, check for damage or small particles lodged behind the 'O' ring). (Fig 3)
- 8. If the premises are or will be occupied, fill the dome with the required amount of Combiphos by pouring it through the hole in the top of the dome
- 9. Before refitting the red filler plug, ensure all air is bled from the Combimate. Open an outlet downstream of the Combimate and turn on the water supply; a low flow is adequate. Gently press back (towards wall) the black isolation levers located either side of the dome; this will allow water to enter the Combimate and expel any trapped air. Release the levers before water spills out of the filler hole and refit and tighten the filter-plug using the spanner provided. -----
- 10. Turn on the water supply. Slide retaining hook on to outer cover as shown and refit the retaining cover on to the base, ensuring it clicks into place; this will engage the water supply. (Fig 4).
- 11. Check for leaks, attach Reminder Tag to pipework and hang spanner on to retaining hook.
- 12. Register your Combimate and activate your guarantee.

WARNING:

It is important that no soldering flux comes into contact with the plastic body of the Combimate



Specification

Max Pressure: 6.5 bar static (100psi) Fittings: compression (15mm or 22mm pipe)



Our commitment:

We shall contribute up to £500*

Scale contamination becomes

The volume of Combiphos

has been maintained and

Combiphos top-up.

recommendations.

heat store.

towards the cost of the de-scaling, repair or replacement of your heat exchanger,

combination boiler or thermal store if:

evident within 12 months of the last

replaced in accordance with the

The lower portion of this card is

completed and returned at the time of

installation and a copy of the receipt is

included for the installation of the new

heat exchanger, combination boiler or

Installation of the Combimate has

the manufacturer's instructions.

store was new at the time of the

installation of the Combimate.

The boiler, heat exchanger or heat

been carried out in accordance with

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Your Combimate has been manufactured under the ISO9001:2015 quality assurance scheme and is a WRAS approved product that's covered by a 3-year manufacturer's warranty** against defective materials and workmanship. This excludes soldering flux damage or over-tightening of fittings.

Lifetime Scale Prevention Guarantee

Cistermiser Ltd. guarantees that Combimate will prevent the build-up of limescale deposits within the hot water system when fitted to a new heat exchanger, combination boiler or thermal store.

We shall contribute up to £500* towards the repair, descale or replacement of any hot water heat exchanger within a combination boiler or thermal store that is protected by a Combimate.

PLEASE VISIT OUR WEBSITE FOR FULL TERMS AND CONDITIONS www.combimate.co.uk

*including VAT *when installed and maintained with manufacturer's instructions Product must be registered to extend warranty to three vears.

is installed p complete ar the card bel register onli www.combin

attached card

_____ Detach, moisten, fold and seal along the edges

Once your Combimate PLEASE USE BLOCK CAPITALS

is installed please complete and return the card below or register online at www.combimate.co.uk	
	Serial No Date Installed
	Make and model of boiler Approx. age
	Yes, I wish to receive an annual Combiphos reminder, to be sent by: Post (tick one) Email (tick one)
Activate your lifetime guarantee	OPTIONAL - TO APPLY FOR THE LIFETIME SCALE PREVENTION GUARANTEE, PLEASE INCLUDE: New boiler installation receipt (tick one) New heat exchanger installion receipt (tick one)
	Name and address of Homeowner:
Register online www.combimate.co.uk	
OR Why not take a photo of this completed registration form and email it to us? guarantee@combimate.co.uk OR Complete and post back the	Post Code Email Signed
	OPTIONAL - TO BE COMPLETED BY THE INSTALLER: Yes, I wish to receive trade news updates about Combimate and Cistermiser's associated water-saving products to be sent by: Post (tick one) Email (tick one) Name and address of installer:

Detach, moisten, fold and seal along the edges

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Post Code ..

Email



REMINDER TAG

1. Complete details & detach tag 2. Attach on to pipework





This is a limescale prevention device.

To ensure your home remains protected we recommend the Combiphos spheres are replaced annually

Date of installation	
Date of next refill	
Scan to order online	

Cistermiser