

COMBIMATE INSTALLATION



COMBIMATE
GUARANTEED LIMESCALE PREVENTION

from
CISTERMISER

1 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.

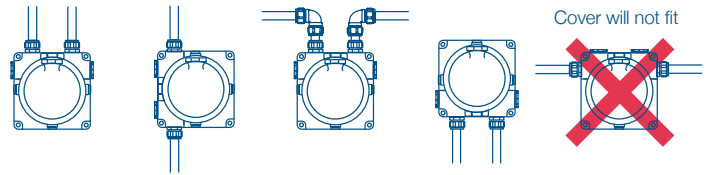
NOTE:

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.

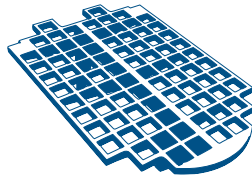
WARNING:

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



2 STEP TWO INSTALL COMBIPHOS

Your Combimate can be used to offer two different levels of protection, **complete system protection** or **single appliance protection**. Inside the 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. 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. 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.

7. Using hand pressure only, secure and tighten 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 filler 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)

