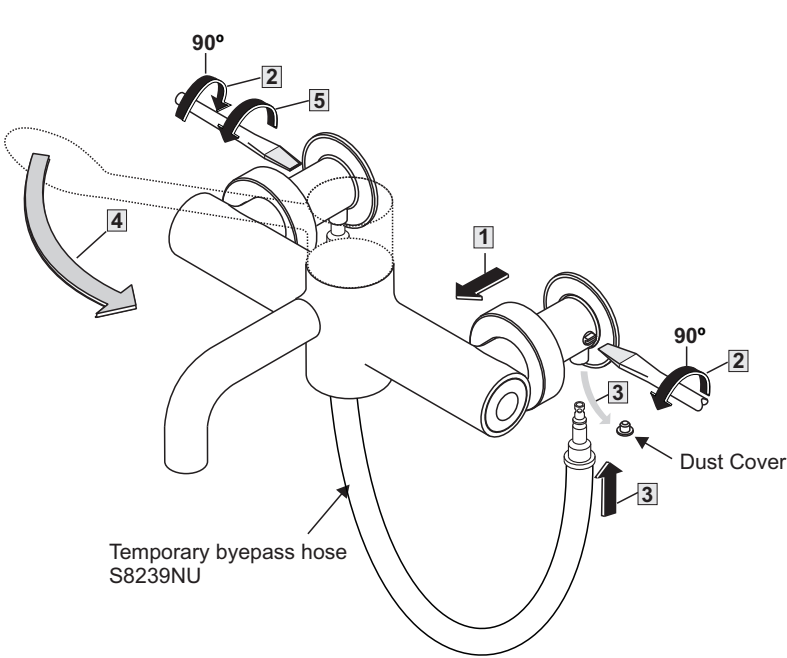


HORIZONTAL AXIS VALVES

The diagram below shows the sequence required for mixers fitted with horizontal axis service valves

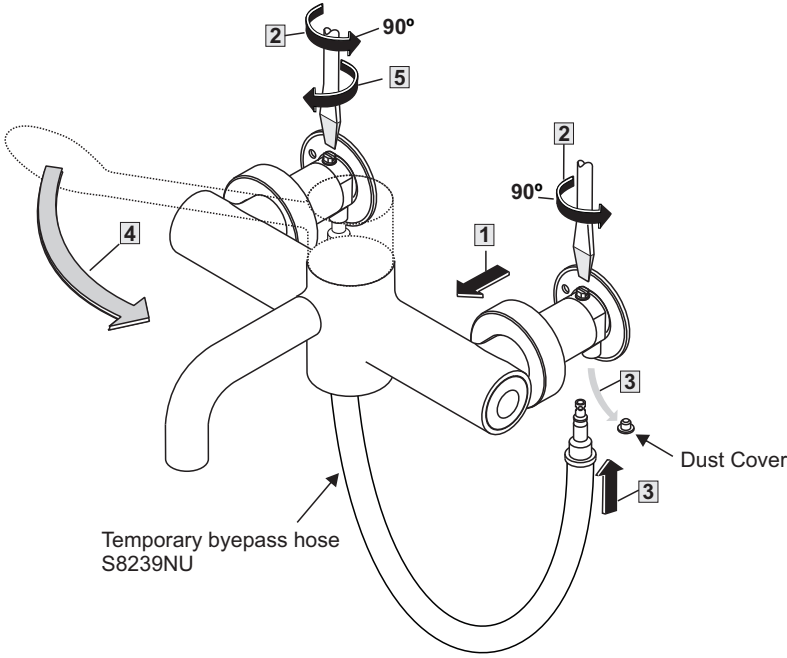
- The following mixers are fitted with horizontal axis service valves:
- S8243AA Lever Operated Sequential Thermostatic Panel Mounted Mixer, (off-set for refurbishment
 - S8244AA Markwik Proximity Thermostatic Panel Mounted Mixer
 - S8247AA Lever Operated Sequential Thermostatic Panel Mounted Mixer
 - S8248AA Thermostatic Panel Mounted Dual Control Lever Mixer
 - S8252AA Timed Flow, Proximity Operated Thermostatic Panel Mounted Mixer



VERTICAL AXIS VALVES

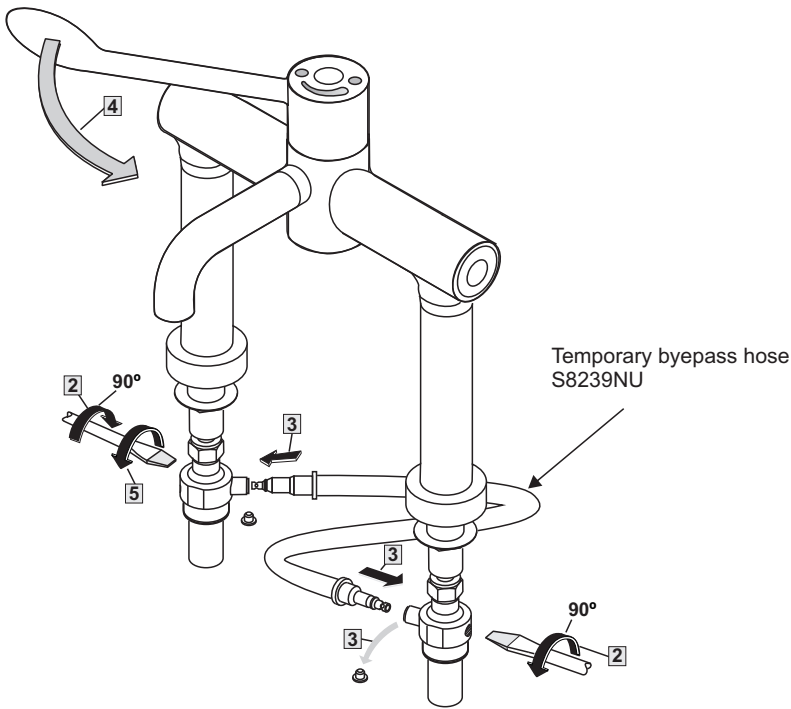
The diagram below shows the sequence required for mixers fitted with vertical axis service valves

- The following mixers are fitted with vertical axis service valves:
- A4554AA Markwik Proximity Thermostatic Sleeved Panel Mounted Mixer
 - A4553AA Lever Operated Sequential Thermostatic Sleeved Panel Mounted Mixer
 - A4555AA Timed Flow, Proximity Operated Thermostatic Sleeved Panel Mounted Mixer

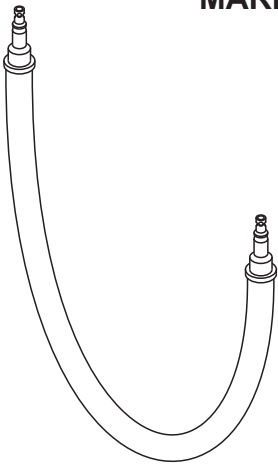


The diagram below shows the sequence required for deck mounted mixers where the service valves are fitted under the tap deck

- Deck mounted mixers supported are as follows:
- S8249AA Lever Operated Sequential Thermostatic Deck Mounted Mixer
 - A4803AA Markwik Lever Operated Sequential Thermostatic Deck Mounted Mixer



MARKWIK DISINFECTION KIT S8239NU
Instructions for use



This disinfection kit is suitable for use with both versions of the Markwik mixer, both those with horizontal and those with vertical orientation service valves
See diagrams above to determine the correct one

Summary
The disinfecting feature allows an engineer to feed water from the hot inlet via the temporary by-pass hose into the cold inlet. The hot water then passes through the cold inlet, the thermostatic mixing chamber and out through the mixed water outlet disinfecting the fitting. The temporary bypass hose is inserted into special valve connectors in the inlet tails either concealed by the shrouds or positioned under the tap deck in the case of S8249.

Safety Note: Care should be taken when carrying out the following procedure to avoid contact with hot water and hot surfaces. We recommend the use of protective hand ware.

- Procedure**
To disinfect the fitting proceed as follows:
1. Unscrew the wall shrouds and slide forward (except deck mounted fittings)
 2. Isolate both inlets by turning the isolation valves through 90° anti-clockwise.
 3. Remove dust covers from the exposed nipples and push-fit the temporary flexible hose inserting the cold side first and then the hot.
 4. Operate the fitting lever in line with the spout position.
 5. Now turn the hot isolation valve clockwise. Hot water will now pass from the hot inlet, through the by-pass hose into the cold inlet and thence into the thermostatic mixing chamber and spout. Here by the nature of the thermostatic element it will fully open the cold port. The hot water will then discharge to waste via the fitting's outlet.

See table for a guide to disinfection temperatures v/s time:

Following the recommended disinfection period, turn the hot isolation valve back to the isolation position, turn off the fitting and remove the bypass hose - hot side first then the cold. Turn both isolation valves back to the normal flow position. Check for normal operation of the fitting and replace dust caps and escutcheons.

Temperature	Disinfection time
60°C	20 minutes
65°C	10 minutes
70°C	5 minutes

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INSTALLER: After installation please pass this instruction booklet to the service engineer

CUSTOMER CARE HELP LINE
0870 129 6085

CUSTOMER CARE FAX
01482 499611

E-MAIL
UKcustcare@idealstandard.com

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