



*Instantaneous Electric Over-Sink
Handwash*

B *FLOW*

Installation Instructions

IMPORTANT!

This Step-by-Step guide should be given to the customer after installation and demonstration.



SERVICE POLICY

In the event of you needing to contact the MX Group Customer Service Department, the following procedure should be followed:-

- 1** Before telephoning the MX Group Customer Service Department you should ensure that you have the model number, power rating, serial number and date of purchase.
- 2** The MX Group Customer Service Department will be able to inform you whether the fault can be rectified by the provision of a replacement part or an on site visit by a Qualified Service Engineer.
- 3** If a service call is booked, you or a representative must be present during the Engineers visit.
- 4** A charge will be made where a call under the terms of the guarantee has been booked and a failure was not product related, or an engineer arrives and is not able to gain access.
- 5** If the product is no longer covered by the Guarantee, a charge will be made for the site visit and for any parts supplied.

Customer Service Department
FREEPHONE

0800-731-7372

9.00 am - 5.00 pm Monday to Friday

SECTION

1

PACKING CONTENTS

- Handwash Unit
- Swivel Arm complete with Sprayhead
- Screw Pack

IMPORTANT

- 1** Installation must be carried out by a suitably qualified person and conform with IEE Regulations and National Water Council bylaws.
- 2** This Handwash unit is designed to be connected to a 15mm cold water mains supply.
Do not connect to a tank supply unless a suitable booster pump is fitted.
- 3** The minimum recommended running water pressure to which the Handwash may be connected is 15 lb/sq in (1 Bar). Running pressure at 8 litres per minute. The maximum static pressure recommended is 150 lb/sq in (10 Bar).
- 4** The Handwash unit must not be fitted where it may be exposed to frost, for example in an outdoor area.
The Handwash must not be used if suspected of being frozen.
Frost damage is not covered by the guarantee.
- 5** **Plumbers jointing compound must not be used.**
In instances of difficult joints use P.T.F.E. Tape. The use of compound invalidates the guarantee.
- 6** All plumbing connections must be completed before making the electrical connections.
- 7** The outlet of your Handwash acts as a vent and must **NOT** be connected to any form of tap or fitting not recommended by The MX Group.
- 8** Always switch off at the isolating switch when not in use.

SECTION

2

GENERAL ADVICE TO HANDWASH UNIT USERS

The following points will help you to understand how your MX Handwash unit operates.

The flow rate of water passing through the Handwash unit determines the water temperature. The lower the flow the warmer the water, the higher the flow the cooler the water.

The temperature produced by the Handwash unit will vary between seasons on any one setting of the temperature control. This is due to variance in the temperature of the water supply, which becomes cooler in winter than summer.

If changes in temperature are experienced in normal use, it is likely to be caused by water pressure falling below the minimum level. Falls in water pressure may be due to water being drawn off at other points within the building.

The sprayhead must be cleaned regularly to remove scale and debris. If the water becomes hot and you are unable to obtain cooler water, check the spray head for blockage.

SECTION

3

HANDWASH INSTALLATION

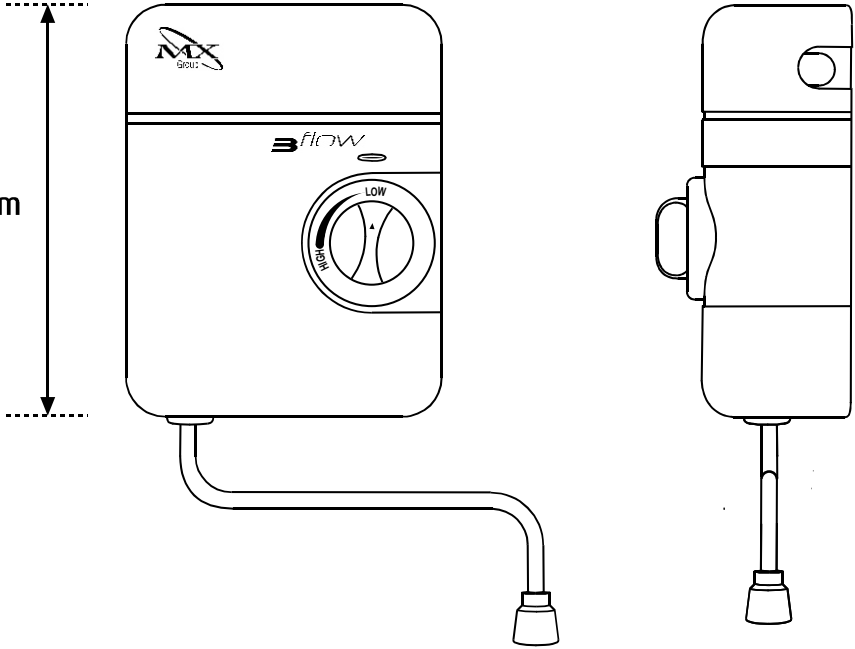
Plan your own installation carefully. Check on the nearest and most readily accessible rising mains water supply. Use only the cold rising water main supply.

Do not connect the Handwash unit to the down service from a cold water storage tank.

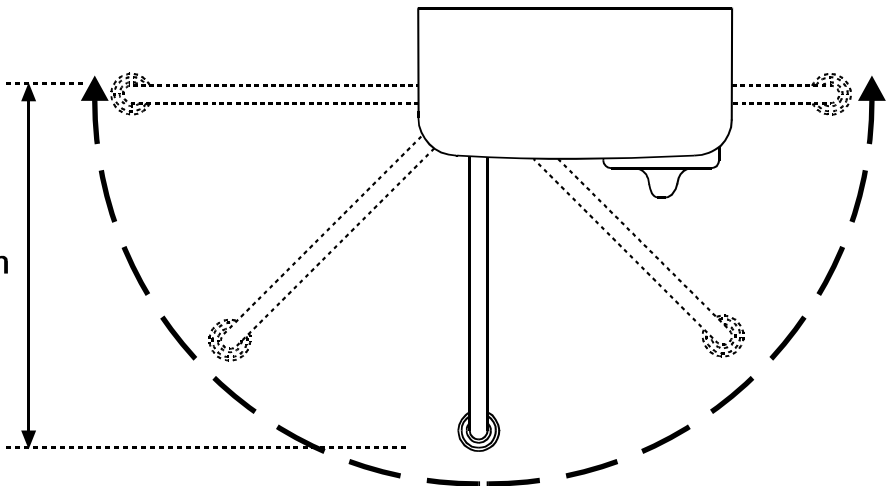
167mm

75mm

220mm



200mm



Avoid connecting the Handwash unit, if possible, where it will be affected by water drawn off by other appliances, e.g. From the mains feed to the W.C., This may cause a drop in pressure too low for the Handwash unit to work correctly.

An isolating valve must be fitted into the water supply for servicing purposes.

SECTION 4 PLUMBING CONNECTION

Plumbing the Handwash unit must precede wiring.

Turn off the water supply at the isolating stop tap.

Before removing the cover check that the temperature control is set at 'MIN'.

Remove the (*bottom*) single screw securing the Handwash unit cover and remove the cover complete with the control knob.

Place the Handwash unit on the wall and determine the direction of the inlet water supply: **Bottom** (*rising*), or **Back** inlet. Then mark the location of the fixing screws through the back plate.

Carefully drill the holes as marked using a sharp 5.5mm masonry drill.

Ensuring the backplate is square on the wall tighten the two fixing screws which hold it to the wall.

IMPORTANT

Before completing the connection of the water supply to the inlet of the unit, flush out the pipework to remove all swarf and system debris.

Connect the mains water supply to the Blue inlet of the Handwash unit using a 15mm copper or stainless pipe.

Please note! A olive and compression nut are provided for this purpose. **Do not use excessive force when making the connection to the unit.**

Turn on the mains water supply and check for leaks in the pipework connection to the Handwash.

SECTION 5 ELECTRICAL CONNECTION Warning! This appliance must be earthed

SWITCH OFF ELECTRICITY SUPPLY

The cable can be surface clipped, hidden or via conduit. Use three core cable, 1.5mm area, double insulated.

The incoming cable access to the handwash unit must be via the cable entry point at the top right hand side or through the circular knock-out provided in the backplate.

Having decided which cable entry is the most suitable to be used, fit the round rubber cable entry grommet provided.

Connect the live cable to the terminal marked **L**.

Connect the neutral cable to the terminal marked **N**.

Connect the earth cable to the terminal marked **E** on the back plate.

IMPORTANT

Ensure that the terminal block screws are fully tightened and that no cable insulation is trapped under screws,

Ensure the cable clamp is used to secure the cable.

This 3kW handwash unit must be connected to a 230 volt 50/60 Hz supply with a switched spur fused at 13 Amps. Alternatively, a standard 13 Amp plug

(Fused at 13 Amps) can be used with a **switched** 13 Amp socket.

Ensure compliance with I.E.E. Wiring regulations. If in doubt, seek professional advice or assistance from a qualified electrician.

SECTION 6

FITTING THE COVER INTO POSITION

Note: It is necessary to engage the temperature control knob in the correct position on to the spindle before the cover is located.

Before replacing the cover check that the temperature control is set at 'MIN'.

Secure the cover with the single fixing screws provided.

DO NOT switch on the power to the handwash unit until the commissioning procedure has been carried out.

IMPORTANT: Turn the temperature control knob anti clockwise until the valve is fully open. This will ensure a fast fill up of the Handwash unit.

Let the water flow through the Handwash unit to release any air which may be in the system and fill the handwash unit with water.

IMPORTANT: The handwash unit must be full of water before the power is switched On.

Turn the temperature control knob fully clockwise to stop the flow.

SECTION 7

COMMISSIONING THE HANDWASH

IMPORTANT: The handwash unit must be full of water before power is switched ON.

- 1** Make sure that the electrical supply has been isolated at the isolating switch.
- 2** Ensure the water supply is fully on at the mains stop cock and isolating service valve (if fitted), check that water is not leaking from the bottom of the case.
- 3** Turn the temperature control knob anti-clockwise to the full cold (MAX) position.
- 4** Check that water flows freely from the handwash within a few seconds. The water from the sprayhead will be at full force and at a cool temperature.
- 5** Rotate the temperature control knob slowly clockwise fully. This will gradually reduce the flow with the water temperature remaining cool.
- 6** Return the knob anti-clockwise to maximum flow.
- 7** Switch on the electrical supply at the isolating switch. The 'Power' neon indicator will light.
- 8** Turn the temperature control knob clockwise for hotter water and anti-clockwise for cooler water. Allow a few seconds between selections - for the temperature change to reach the sprayhead.

NOTE. When the temperature is changed the flow rate alters.

- Turn the temperature control knob fully clockwise to stop the flow.

SECTION

8

FITTING THE SWIVEL ARM

If not already done, screw the swivel arm connector onto the Red outlet pipe. Ensure the sprayhead unit is securely screwed onto the end of the swivel arm.

SECTION

9

OPERATING THE HANDWASH

- Switch on the isolating switch. The 'Power' neon will illuminate indicating the switch is ON.
- Turn the temperature control knob anti-clockwise to obtain 'MAX' water flow.
- Wait a few seconds for the warmer water to reach the sprayhead.
- If necessary turn 'Temperature' control knob slowly to obtain desired water temperature. Again, waiting a few seconds after each adjustment in temperature to reach the handset.

Note:

To adjust the temperature.

The water temperature is altered by increasing or decreasing the flow rate of water through the Handwash unit via the temperature control.

To increase the temperature

Turn the temperature control knob clockwise, this will decrease the flow of water and increase the Handwash temperature.

To decrease the temperature

Turn the temperature control knob anti-clockwise, this will increase the flow of water and decrease the Handwash temperature.

- Turn the temperature control knob fully clockwise to stop the flow.
- A small amount of water will be retained in the sprayhead after the handwash has been turned off. This may drain over a few minutes.
- Switch off at the isolating switch.

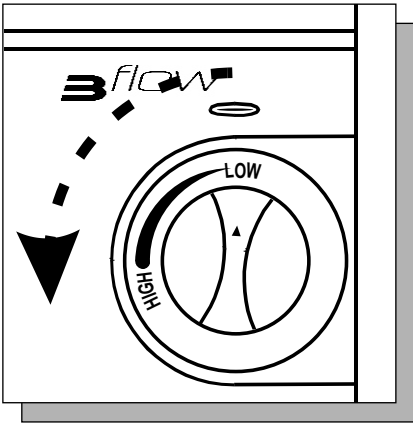
SECTION

10

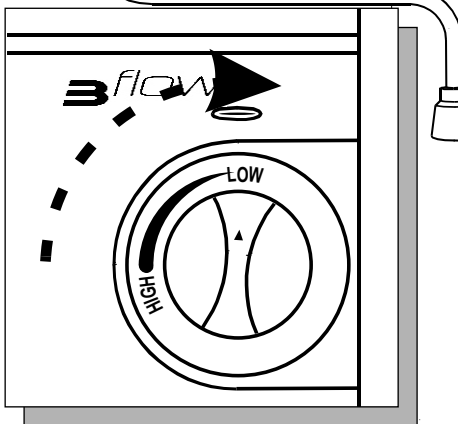
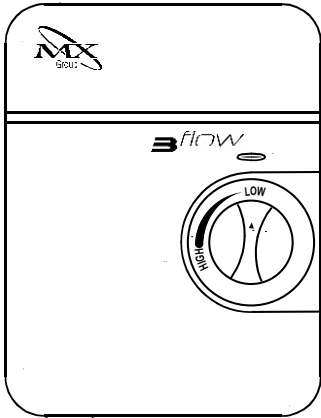
OSPRAYHEAD CLEANING INSTRUCTIONS

The sprayhead should be cleaned periodically to remove limescale or debris which will reduce the performance of the handwash. The frequency of cleaning will vary according to local water quality. In hard water areas cleaning will be needed more often than in soft water areas. A liquid non-abrasive bathroom cleaner may be used on external surfaces of the sprayhead.

Scrub the spray plate with a small, stiff bristled brush. If deposits are stubborn, immerse and soak the spray,plate for several hours in a proprietary limescale remover. Ensure all traces of scale and limescale remover are rinsed off before refitting.



COOLER



WARMER



GUARANTEE

The MX Group guarantee this product for a period of one year, from date of purchase, against mechanical and defects arising from faulty materials or from poor workmanship, providing the product has been installed by a competent person in accordance with the fitting instructions.

The MX Group undertake to repair or replace, at their discretion, without charge, provided the product has been properly maintained and operated in accordance with the operating instructions. Any component found to be defective during this period, as the result of misuse or damage, or the effects of scaling, will not be covered by this guarantee.

This product must not be modified, repaired or taken apart except by a person authorised by the MX Group.

This Guarantee is only valid within the United Kingdom.

This Guarantee does not affect your statutory rights.

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