

# DOMESTIC APPLIANCE TRAPS

## 1½" x 75mm WATER SEAL

### INSTALLATION INSTRUCTIONS

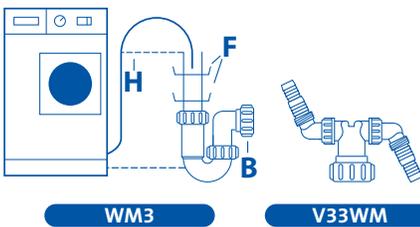
#### GENERAL

- Domestic appliance traps provide the facility to accept the discharge from a washing or dishwashing machine and are suitable for new and existing installations.
- In all cases a blank cap, plug, or blank nozzle is provided which means that should the appliance not be connected at the time of installation, the trap will function as a normal sink trap whilst economically providing an easily accessible point for the future installation of an appliance.
- The TeeVent System, which incorporates a non-return valve, provides an air break and enables the waste system to be sealed. This system has the advantage over a standpipe arrangement in that should a blockage occur, the non-return valve prevents flooding.

When installing domestic appliance traps, care should be taken to observe the instructions of the manufacturer of the appliance, particularly with regard to the height of the discharge hose and the incorporation of an air break or vent to atmosphere. All waste pipes should be installed in compliance with the requirements of The Code of Practice for Sanitary Pipework (BS5572) and should be connected to the traps as detailed overleaf.

#### USING SEPARATE TRAP FOR APPLIANCE

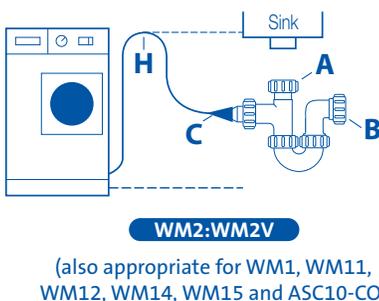
##### Connecting into separate trap with standpipe



- Ascertain from appliance instructions the height (H) the standpipe should be from the floor.
- Select suitable position adjacent to the appliance and secure standpipe to wall with pipe clips (F) provided, having cut standpipe, if necessary.
- Connect 1½" waste pipe to trap outlet (B) as illustrated overleaf and take the waste pipe through the outside wall to a nearby drain (not permissible in Scotland) or, alternatively, connect to the soil pipe or existing waste pipe.
- Place the appliance discharge hose into the standpipe.
- When plumbing two domestic appliance discharge hoses into standpipe trap use V33WM fitting.
- Test the installation.

#### USING SINK TRAP-APPLIANCE CLOSE TO SINK

##### Connecting into sink trap fitted with nozzle

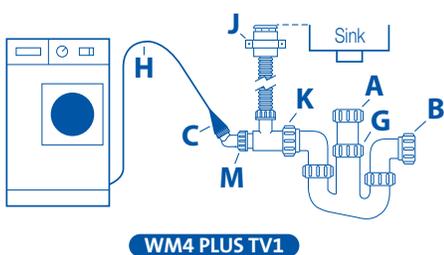


- Connect trap inlet nut (A) to sink waste outlet.
- Connect trap outlet nut (B) to waste pipe as illustrated overleaf.
- Cut off end of nozzle (C) or remove blank cap as applicable, push hose over the nozzle and secure with jubilee clip if necessary.
- Ensure that the appliance discharge hose is taken to the height (H) stated by the appliance manufacturer or the height of the sink overflow (flood level if no overflow) whichever is the higher and clip at this point.
- Test the installation.

**NOTE:**

Because venting takes place through the sink outlet if there is no overflow it is essential that the sink outlet is not plugged or obstructed during operation of the appliance.

##### Connecting into sink trap fitted with TeeVent



- Disconnect Multifit nut and washers (K) from trap and put aside blank cap.
- Connect plain tail of TeeVent to trap as illustrated overleaf (connecting Multifit outlet).
- Disconnect coupling nut (M) and put aside blank cap.
- Use coupling nut (M) to fit hose connector to the TeeVent.
- Connect trap inlet nut (A) to sink waste outlet. Nut (G) allows vertical height adjustment.
- Connect trap outlet nut (B) to waste pipe as illustrated overleaf.
- Push the appliance discharge hose over the nozzle (C) and secure with jubilee clip if necessary.
- Ensure that the appliance discharge hose is taken to the height (H) stated by the appliance manufacturer or the height of the sink overflow (flood level if no overflow) whichever is the higher and clip at this point.
- When fitting the TeeVent valve (J) in a vertical position at the same height as the discharge hose and secure with pipe clip provided. The flexible tube can be maneuvered to fit into any suitable place.
- Test the installation.

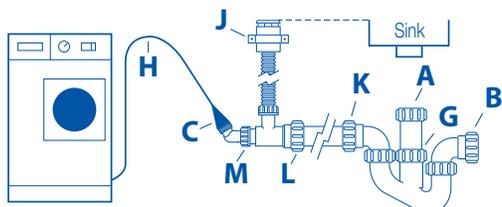
**NOTE:**

(a) Venting takes place through "J".

(b) The blank caps should be retained for use should the appliance be removed.

## USING SINK TRAP-APPLIANCE DISTANT FROM SINK

### Connecting into sink trap by using TeeVent and waste pipe



WM4 PLUS TV2

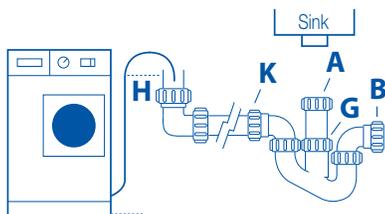
1. Disconnect Multifit nut and washers (K) from trap and put aside blank cap.
2. Connect trap inlet nut (A) to sink waste outlet. Nut (G) allows vertical height adjustment.
3. Connect trap outlet nut (B) to waste pipe as illustrated below.
4. Disconnect coupling nut (M) and put aside blank cap.
5. Use coupling nut (M) to fit hose connector to the TeeVent.
6. Push the appliance discharge hose over the nozzle (C) and secure with jubilee clip if necessary.
7. Ensure that the appliance discharge hose is taken to the height (H) stated by the appliance manufacturer or the height of the sink overflow (flood level if no overflow) whichever is the higher and clip at this point.
8. When fitting the TV2 fix the TeeVent valve (J) in a vertical position at the same height as the discharge hose and secure with pipe clip provided. The flexible tube can be manoeuvred to fit into any suitable place.
9. Disconnect Multifit nut and washers (L) from TeeVent and fit a length of 1 ½" waste pipe between (L) and (K).
10. Test the installation.

**NOTE:**

(a) Venting takes place through "J".

(b) The blank caps should be retained for use should the appliance be removed.

### Connecting into sink trap by forming a standpipe



WM4

1. Disconnect Multifit nut and washers (K) from trap and put aside blank cap.
2. Connect trap inlet nut (A) to sink waste outlet. Nut (G) allows vertical height adjustment.
3. Connect trap outlet nut (B) to waste pipe as illustrated below.
4. Ascertain from appliance instructions the height (H) the standpipe should be from the floor and select a suitable position adjacent to the appliance.
5. Form a vertical standpipe with 1 ½" waste pipe and using pipe and fittings connect to trap at (K). Pipe and fittings additional to illustration may be required between the appliance and the trap.
6. Ensure that all pipework is either clipped or secured both vertically and horizontally.
7. Place the appliance discharge hose into the standpipe.
8. Test the installation. If the discharge from the appliance overflows the pre-formed standpipe it may be that the length of the standpipe is too short to accept the initial surge of water. In such cases fit the TeeVent system as above.

**NOTE:**

An air break is provided through the standpipe.

## CONNECTING MULTIFIT OUTLET

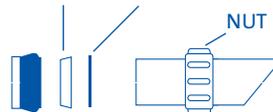
All illustrated traps are manufactured with Multifit outlets which can be connected to all plastic waste pipes to BS EN 1451-1-2000 and BS EN 1329-1-2000 copper pipe (metric or imperial) and lead pipe.

1. Chamfer inside of pipe if required.
2. Remove nut, plastic washer and rubber olive.
3. Push nut, plastic washer and rubber olive over pipe.
4. Push pipe over internal sleeve and into fitting.
5. Connect coupling nut and tighten.

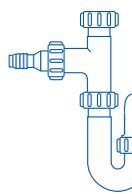
**NOTE:**

If plastic pipe is under-size or out of shape, end of pipe may require to be heated to enable it to be pushed over the internal sleeve and into the fitting.

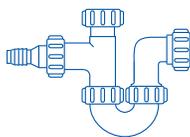
RUBBER OLIVE PLASTIC WASHER



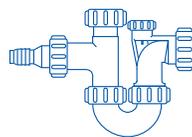
## RANGE OF DOMESTIC APPLIANCE TRAPS AND TEEVENT



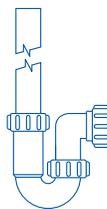
WM1



WM2



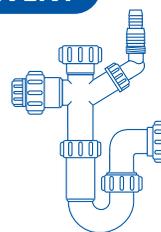
WM2V



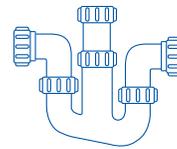
WM3



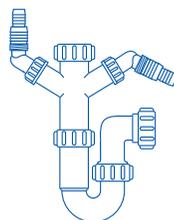
WM3-CAP



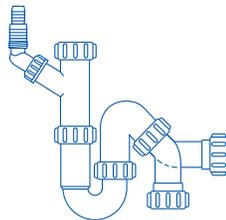
ASC10-CO



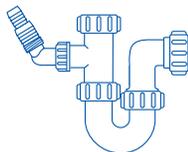
WM4



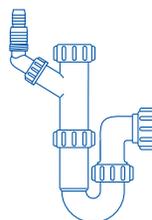
WM11



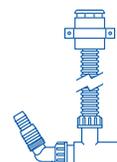
WM12



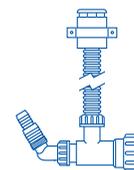
WM14



WM15



TV1



TV2

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