OPEN OUTLET TAPSETS

Fitting Instructions and User Guide
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1.0 INTRODUCTION

Thank you for purchasing a Heatrae Sadia Open Outlet Tapset. This tapset is manufactured to the highest standards and has been designed to meet all the latest relevant safety specifications.

1.1 IMPORTANT POINTS

The tapset must be installed and commissioned by a competent person. Please read and understand these instructions before installing the tapset. Following installation and commissioning, the operation of the tapset should be explained to the user and these instructions left with them for future reference.

NOTE: THE TAPSET ACTS AS AN OPEN VENT TO THE WATER HEATER. IT IS NORMAL FOR IT TO DRIP DURING THE HEATING CYCLE OF THE WATER HEATER, DUE TO WATER EXPANSION. THIS IS NOT A FAULT WITH THE TAPSET AND THE USER SHOULD BE MADE AWARE OF THIS FACT.

These instructions cover the installation of the following open outlet tapsets:

95 970 320        Streamline 1000
95 970 321        Streamline 2000
95 970 322        Streamline 2000e
95 970 347        Streamline 3000
95 970 317        Pack S/T
95 970 315        Pack X
95 970 324        Pack P
95 970 316        Pack R
95 970 318        Pack W
95 970 323        Pack M
95 970 514        Pack J
95 970 316        Pack Y
95 970 325        Pack Q
95 970 515        Pack K

These tapsets are designed to be installed with Heatrae Sadia open outlet water heaters.
FIGURE 01: TAPSETS

OMEGA HANDLES

PACK S/T

PACK R

PACK J

LONG LEVER HANDLES

PACK P

PACK M

PACK Q

SHORT LEVER HANDLES

PACK X

PACK W

PACK Y

MONOBLOC MIXERS

PACK K 1000 2000 2000e 3000
2.0 INSTALLATION

2.1 CHECK VALVE

A check (non-return) valve must be installed in the pipework between the tapset and the water heater INLET if the tapset is used in conjunction with an open outlet water heater that is installed oversink (above the tapset). Failure to do so can result in partial drain down of the heater and eventual operation of the thermal cut-out.

2.2 FLOW RESTRICTOR

Maximum flow rates should be restricted to 7 litres/minute at high inlet pressures if using the tapset in conjunction with a Heatrae Sadia Streamline water heater. A Flow Regulating Valve (Heatrae Sadia Part No 95970115) is supplied with the Streamline to achieve this.

2.3 EARTH CONTINUITY

IMPORTANT: THE INSTALLER MUST CONFIRM EARTH CONTINUITY ON ALL TAPSETS
FIGURE 02: OPEN OUTLET TAP

- SCREW
- COVER
- WASHER
- COLOUR RING
- HANDLE
- BODY
- GASKET
- BACK NUT
- SPINDLE
- OLIVE
- COMPRESSION NUT
- OPEN OUTLET MANIFOLD

A, B, C, D
2.4 INSTALLATION OF OPEN OUTLET TAPSETS J, M, P, Q, R, S/T, W, X, & Y

1. Prepare the mounting surface and ensure the tap fitting holes are the correct size (Ø21mm). NOTE: hole centres for packs J, Q & Y are 180mm apart.
2. Fit the tap/s to the sink ensuring that the gasket is fitted between tap body and mounting surface and secure in place with the backnut/s.
3. Fit the open outlet manifold to the hot tap. Ensure that the spindle is securely located at the top of the tap headwork and bottom of the manifold.
4. Fix the manifold in place by tightening the compression fitting at manifold outlet A (see figure 2).
5. Plumb manifold outlet B to the water heater hot outlet (see figure 3).
6. Plumb manifold outlet C to water heater cold inlet (see figure 3).
7. Plumb manifold outlet D to the mains water supply (see figure 3).
8. Plumb the cold tap to the mains water supply (see figure 3).
9. Fit the handles to the tap bodies (check the orientation if fitting lever handles) and secure with the screws and washers provided (see figure 2).
10. Place the red ring in the hot tap handle and secure with a chrome plated cover (see figure 2).
11. Place the blue ring in the cold tap handle and secure with a chrome plated cover (see figure 2).

FIGURE 03: PLUMBING OF OPEN OUTLET TAP
FIGURE 04: PACK K

- SPOUT
- HANDLE
- BODY
- RUBBER SEAL
- WORK SURFACE
- HOSE (WATER SUPPLY)
- SHAPED RUBBER WASHER
- CLAMPING PLATE
- THREADED BOSS
- FIXING POST
- HOSE (TO WATER HEATER INLET)
- HOSE (FROM WATER HEATER OUTLET)
2.5 INSTALLATION OF OPEN OUTLET TAPSET K

1. Prepare the mounting surface and ensure the tap fitting hole is the correct size (Ø30mm).
2. Thread the RED hose through bottom of the mounting hole and connect to the tap body hole marked WATER HEATER HOT OUTLET (see figure 5).
3. Thread the BLUE hose through bottom of the mounting hole and connect to the tap body hole marked COLD MAINS SUPPLY (see figure 5).
4. Thread the PLAIN hose through bottom of the mounting hole and connect to the tap body hole marked WATER HEATER COLD INLET (see figure 5).
5. Screw the fixing post to the tap body.
6. Fit the tap to the work surface and secure in place with the clamping plate and threaded boss. Ensure the rubber seal and shaped washer are positioned correctly (see figure 4).
7. Fit the handles to the tap body and secure with and secure with the screws and washers provided.
8. Place the red ring in the hot tap handle (LEFT) and secure with a chrome plated cover.
9. Place the blue ring in the cold tap handle (RIGHT) and secure with a chrome plated cover.
10. Plumb the BLUE hose to the mains cold water supply.
11. Plumb the RED hose to the water heater hot outlet.
12. Plumb the PLAIN hose to the water heater cold inlet.
13. Fit the spout to the tap body.

NOTE: Care should be taken when using flexible hoses (see section 2.9).

FIGURE 05: PLUMBING OF PACK K
FIGURE 06: STREAMLINE 1000 & 2000 MONOBLOC MIXERS

- Handle
- Tap body
- Operating rod
- Hose (water supply)
- Hose (to water heater inlet)
- Hose (from water outlet heater)
- Mounting ring
- O ring
- Work surface
- Shaped rubber washer
- Clamping plate
- Threaded boss
- Threaded stem
- Main body
- Sealing washer
- Sealing gasket
- Base assembly
- Base assembly rod
- Work surface
- Sealing washer
- Base assembly
2.6 INSTALLATION OF STREAMLINE TAPSETS 1000, 2000, 2000e

1. Prepare the mounting surface and ensure the tap fitting hole is the correct size (Ø36mm).
2. Position the O ring and mounting ring over the hole.
3. Thread the RED hose through bottom of the mounting hole and connect to the tap body hole marked WATER HEATER HOT OUTLET (see figure 7).
4. Thread the BLUE hose through bottom of the mounting hole and connect to the tap body hole marked WATER HEATER COLD INLET (see figure 7).
5. Fit the tap to the work surface and secure in place with the clamping plate and threaded boss. Ensure the shaped rubber washer is positioned correctly (see figure 6).
6. Connect the PLAIN hose to the threaded stem (see figure 6).
7. Plumb the PLAIN hose to the mains cold water supply.
8. Plumb the RED hose to the water heater hot outlet.
9. Plumb the BLUE hose to the water heater cold inlet.

NOTE: Care should be taken when using flexible hoses (see section 2.9).

See section 2.8 for installation of waste assembly (Streamline 2000 & 2000e only).

FIGURE 07: PLUMBING OF STREAMLINE MONOBLOC MIXER
FIGURE 08: STREAMLINE 3000 MONOBLOC MIXER

HANDLE
TAP BODY

HOSE (WATER SUPPLY)
FOAM SEAL
WORK SURFACE
SHAPED RUBBER WASHER
CLAMPING PLATE
THREADED BOSS
FIXING POST

HOSE (FROM WATER HEATER OUTLET)
HOSE (TO WATER HEATER INLET)
2.7 INSTALLATION OF STREAMLINE TAPSET 3000

1. Prepare the mounting surface and ensure the tap fitting hole is the correct size (Ø36mm).
2. Fit the foam seal to the tap body.
3. Thread the RED hose through bottom of the mounting hole and connect to the tap body hole marked WATER HEATER HOT OUTLET (see figure 9).
4. Thread the BLUE hose through bottom of the mounting hole and connect to the tap body hole marked WATER HEATER COLD INLET (see figure 9).
5. Thread the PLAIN hose through bottom of the mounting hole and connect to the tap body hole marked WATER HEATER COLD INLET (see figure 9).
6. Screw the fixing post to the tap body.
7. Fit the tap to the work surface and secure in place with the clamping plate and threaded boss. Ensure the shaped rubber washer is positioned correctly (see figure 8).
8. Plumb the PLAIN hose to the mains cold water supply.
9. Plumb the RED hose to the water heater hot outlet.
10. Plumb the BLUE hose to the water heater cold inlet.

NOTE: Care should be taken when using flexible hoses (see section 2.9).

FIGURE 09: PLUMBING OF STREAMLINE 3000 MONOBLOC MIXER
2.8 INSTALLATION / CONNECTION OF POP-UP WASTE ASSEMBLY

The Streamline 2000 and 2000e tapsets are supplied with a pop-up waste assembly suitable for use with ceramic sinks with integral overflow.

1. Fit the sealing washer to base assembly.
2. Fit sealing gasket to sink.
3. Whilst holding base assembly in place screw in the main body.
4. Fit the operating rod through the back of the tap body.
5. Connect the operating rod to the rod of base assembly using the connector block.

2.9 FLEXIBLE HOSES

Care should be taken when using flexible hoses:
1. Do not bend hoses directly behind connection point
2. Do not kink hoses
3. Avoid twisting during installation
4. Avoid fitting the hose under tension
5. Hoses must not be curled

FIGURE 10: FLEXIBLE HOSE CONNECTION
3.0 COMMISSIONING

IMPORTANT: DO NOT SWITCH ON THE ELECTRICAL SUPPLY TO THE WATER HEATER UNTIL THE WATER FLOWS FREELY FROM THE TAP.

1. Turn on the water supply.
2. Open the hot tap handle / lever fully and fill the water heater.
3. Leave the water flowing for a short while to flush out the pipework.
4. Close the hot tap handle / lever and check the system for leaks.
5. Switch on the electrical supply to the water heater and allow to heat.

4.0 MAINTENANCE

External surfaces should be cleaned with soap based detergents. Abrasive, alcohol-based, caustic, or other strong detergents should not be used.

If lime scale builds up on the outlet flow straightener the plastic insert should be removed and the limescale removed by a propriety descaling solution suitable for plastics.

5.0 FAULT FINDING

The tapsets should give trouble free operation, however should a problem occur, the end user should contact the Heatrae Sadia Service Team on 0844 8711535.
6.0 SPARES

The following comprehensive list of spare parts are available for your tapset:

- Handle - Omega 95 607 621
- Handle - Long Lever 95 607 622
- Handle - Short Lever 95 607 623
- Handle - Streamline Monobloc Mixer 95 607 624
- Handle - Streamline Monobloc Mixer - Elbow 95 607 625
- Manifold & Long Spindle 95 607 626
- Manifold & Short Spindle 95 607 627
- Cartridge - Full Turn 95 605 093
- Cartridge - Quarter Turn 95 605 094
- Cartridge - Streamline Monobloc Mixer 95 605 095

Do not replace with parts not recommended by Heatrae Sadia. This will invalidate your guarantee and may render the installation dangerous.

7.0 GUARANTEE

This tapset is guaranteed for a period of two years against faulty materials and manufacture provided that:

1. The tapset has been installed in accordance with these instructions and all relevant codes of practice and regulations in force at the time of installation, and that all necessary controls and safety valves have been fitted correctly.
2. Any valves and controls fitted are of Heatrae Sadia recommended type and specification.
3. The tapset has not been modified or tampered with in any way, and has been regularly maintained as detailed in these instructions.

The guarantee period applies from the date of purchase and does not affect your statutory rights.

8.0 ENVIRONMENTAL INFORMATION

This tapset is manufactured from many recyclable materials. At the end of its useful life it should be disposed of at a Local Authority Recycling Centre in order to realize its full environmental benefits.
9.0 COMMISSIONING RECORD

OPEN OUTLET TAP INSTALLATION

Installation Date: 
Model: 
Installer (Plumbing): 
Contact Details: 
Competency Scheme & ID Number: 
Comments: 

<table>
<thead>
<tr>
<th>Mains supply pressure and flow rate</th>
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<tr>
<td>Isolation valve fitted</td>
<td></td>
</tr>
<tr>
<td>Flow reducer fitted</td>
<td></td>
</tr>
<tr>
<td>Pipework checked for leaks</td>
<td></td>
</tr>
<tr>
<td>Pipework bonded</td>
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10.0 SERVICE RECORD

Service Date: ____________________________________________
Engineer: ____________________________________________
Contact Details: ________________________________________
Competency Scheme & ID Number: _________________________
Comments: ____________________________________________

________________________________________________________________________

Service Date: ____________________________________________
Engineer: __________________________________________________________________
Contact Details: ________________________________________
Competency Scheme & ID Number: _________________________
Comments: ____________________________________________

________________________________________________________________________

Service Date: ____________________________________________
Engineer: __________________________________________________________________
Contact Details: ________________________________________
Competency Scheme & ID Number: _________________________
Comments: ____________________________________________

________________________________________________________________________
11.0 SPARES STOCKISTS

For the fast and efficient supply of spares please contact the stockists listed below.

Advanced Water Company Ltd.
Unit D5 Enterprise way
Vale park, Evesham
Worcs, WR11 1GS
Tel: 01386 760066
Fax: 01386 760077

Electric Water Heating Co.
2 Horsecroft Place, Pinnacles
Harlow, Essex, CM19 5BT
Tel: 0845 0553811
E-Mail: sales@ewh.co.uk

SPD
Units 9 & 10 Hexagon Business Centre
Springfield Road, Hayes
Middlesex, UB40 0TY
Tel: 020 8606 3567

Parts Center
Tel: 0845 2709800
www.partscenter.co.uk

Newey & Eyre
Specialist Products Division
Please contact your local branch

UK Spares Ltd.
Tower Lane, Warmley
Bristol, BS30 8XT
Tel: 0117 961 6670

William Wilson Ltd.
Unit 3A, 780 South Street
Whiteinch, Glasgow, G14 OSY
Tel: 0141 434 1530