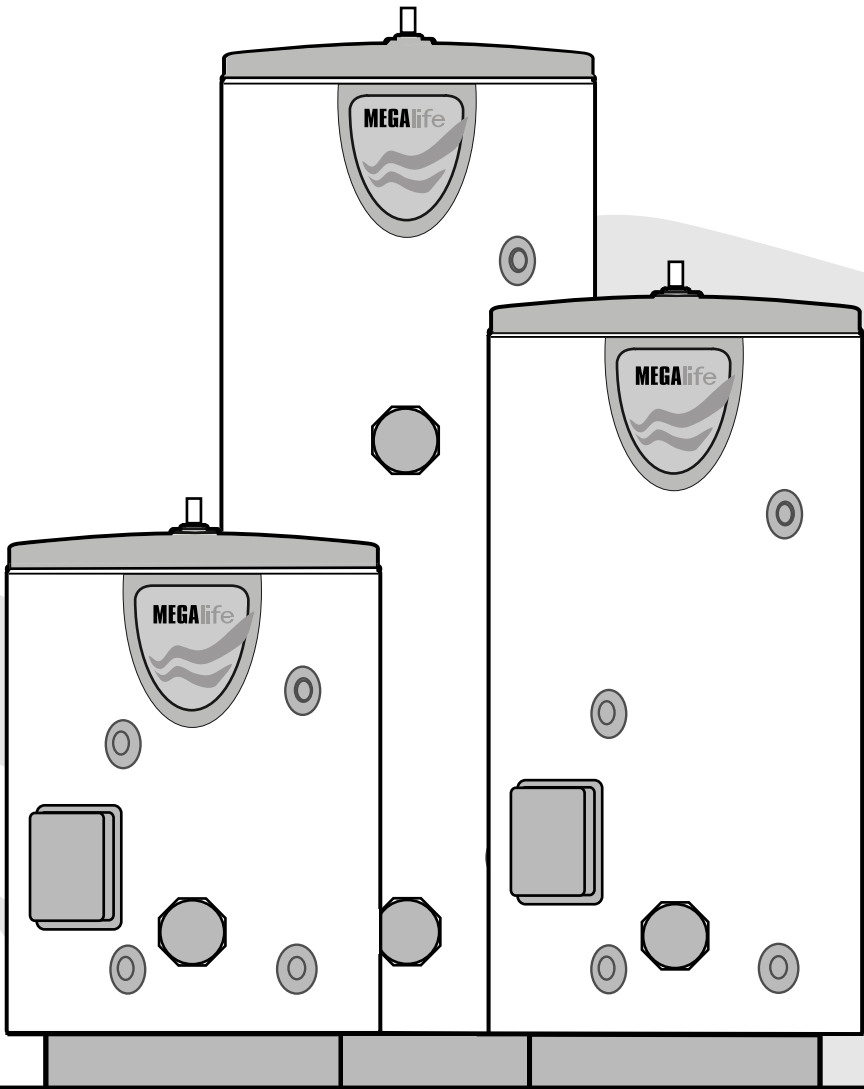


MEGA^{life}[®]

Installation Manual



Fitting and using the MegaLife vented cistern fed
water heater

HEATRAE SADIA

The quality name in water heating

36 00 5843 Iss 1

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**Please read and understand these instructions before starting work.
Please leave this leaflet with the user following installation**

1 Introduction

Congratulations on your purchase of a Heatrae Sadia MegaLife cistern fed vented water heater. The MegaLife is manufactured in the UK from top quality materials and meets all the latest relevant safety and constructional standards. The high grade Duplex stainless steel cylinder offers exceptional strength and corrosion resistance which is backed by a 25 year guarantee. Its performance and insulation levels meet the latest requirements of Building Regulation Part L.

The MegaLife vented water heater must be fed from a cold water feed cistern located above the water heater and hot outlets to be served. The unit must have a suitable vent pipe installed on the outlet that is arranged to discharge over the cold water feed cistern.

Direct units are supplied with either one or two electric immersion heaters (depending on model) which incorporate an adjustable thermostat and an over-temperature thermal cut-out.

Indirect units are supplied fitted with a thermostat and over-temperature thermal cut-out for the control of the primary heat input to the MegaLife from the boiler. All indirect models are also supplied with one electric immersion heater for use as an auxiliary heat source should the primary heat source be switched off.

2 General Requirements

IMPORTANT : PLEASE READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING THE MEGALIFE WATER HEATER. INCORRECT INSTALLATION MAY INVALIDATE GUARANTEE.

THE MEGALIFE MUST BE INSTALLED BY A COMPETENT INSTALLER IN ACCORDANCE WITH ALL RELEVANT REGULATIONS AND CODES OF PRACTISE IN FORCE AT THE TIME OF INSTALLATION.

THE MEGALIFE MUST BE FED FROM A COLD WATER FEED CISTERN. A SUITABLE VENT PIPE MUST BE INSTALLED.

2.1 SITING THE MEGALIFE (see Diagram 1)

The MegaLife range of water heaters must only be installed as a **CISTERN FED VENTED** unit supplied from a cold water feed cistern at an appropriate head height above the heater and outlet points. Ensure that the feed cistern height above the heater does not exceed its maximum rated pressure of 40 metres (4 bar). The feed cistern should comply with the requirements of Schedule 2 Section 7 Paragraph 16: Cold Water Services to the Water Supply (Water Fittings) Regulations 1999 (previously Water Byelaw 30).

A vent pipe **MUST** be connected to the outlet of the heater. This must rise continuously and be arranged to discharge into the feed cistern. The vent pipe must have a minimum bore diameter of 19mm.

DO NOT connect directly to the mains water supply.

DO NOT connect any pressure relief device or other valves to the vent pipe of this heater.

DO NOT install in a position where the heater is liable to be subject to frost conditions.

The MegaLife unit must be vertically floor mounted or on a suitable plinth. It can be placed anywhere convenient provided the vent pipe can be correctly installed. Ensure that the floor or supporting plinth is of sufficient strength to support the "full" weight of the unit (refer to Tables 3 and 4 on page 21 for unit weights). Ideally the heater should be sited close to the point where hot water is required most frequently. Pipe runs should be kept as short as possible for maximum economy. Access to associated plumbing connections, immersion heaters and indirect controls should be possible for servicing and maintenance of the system.

2.2 OUTLET/TERMINAL FITTINGS (TAPS, ETC.)

The MegaLife can be used in conjunction with most types of terminal fittings. In a cistern fed system the pressure at the outlet fittings is due to the head height of the cold water feed cistern above the outlet point. When choosing suitable fittings ensure they will operate at the pressure available at the outlet point.

Installation - General

3.1 PIPE FITTINGS

As all the pipes to the MegaLife are of stainless steel brazing or soldering is difficult, therefore use 22mm COMPRESSION FITTINGS when connecting to the MegaLife pipes.

“Push fit” type fittings **MUST NOT BE USED** for direct connection to the MegaLife pipes, however they may be used elsewhere in the system if technically suitable.

If solder type fittings are used in the supply pipework to the MegaLife the pipework should be thoroughly flushed to remove any flux residue.

3.2 COLD WATER SUPPLY

A 22mm cold water supply is recommended from the cold water feed cistern. No other connection should be taken from this supply. A servicing valve or stop valve with a fixed washer plate should be incorporated in a convenient and accessible position in the cold feed pipe. The cold feed pipe should be connected to the heater connection marked INLET.

3.3 DRAIN TAP

A suitable draining tap should be installed at the lowest point of the cold feed pipe between the cold water service valve and the heater to facilitate draining the heater.

3.4 OUTLET PIPEWORK

The outlet pipework should be connected to the heater connection marked OUTLET. The vent pipe must be teed into the outlet pipe (see section 3.5 below). Outlets above the heater can be teed off the vent pipe. Ideally the pipework from the heater to the outlet fittings should be in 22mm pipe with short runs of 15mm pipe to the terminal fittings.

3.5 VENT PIPE

A vent pipe **MUST** be connected to the outlet of the heater.

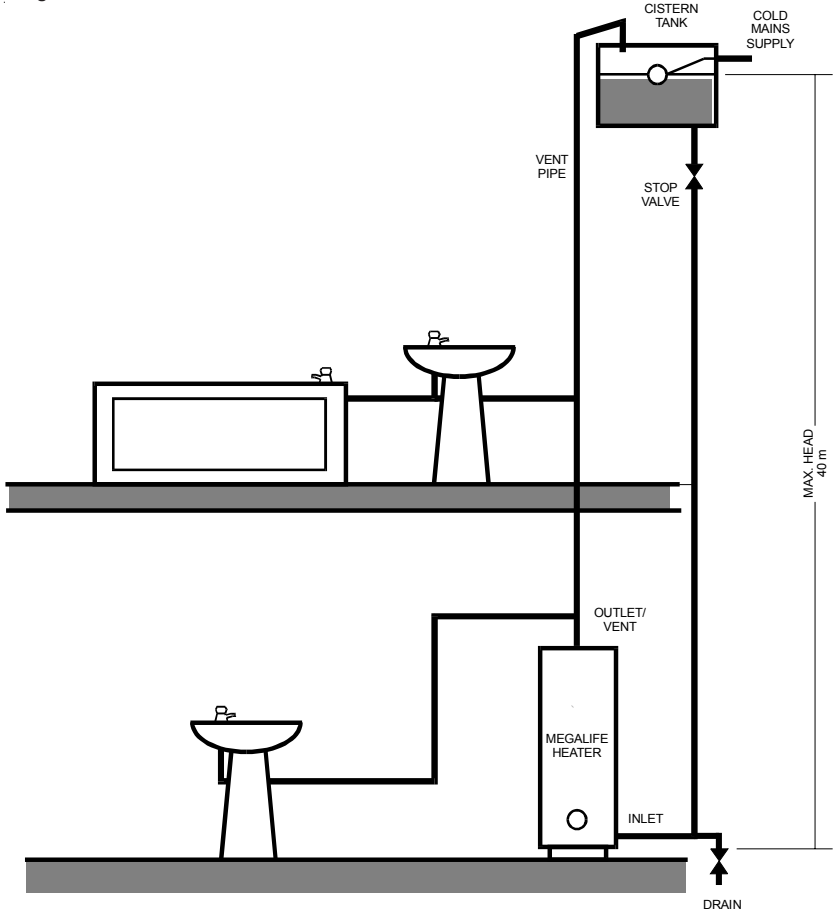
The vent pipe must rise continuously and be arranged to discharge into the cold water feed cistern.

The vent pipe must have a minimum bore diameter of 19mm.

No valves should be fitted to the vent pipe. It is not acceptable to replace the vent pipe with a pressure relief device.

The hot water distributing pipes can be teed off the vent pipe. If fitting a shower booster pump particular attention should be made to the manufacturers instructions regarding the positioning of the hot water tapping to prevent air entrainment via the vent pipe.

Diagram 1 - Schematic installation details



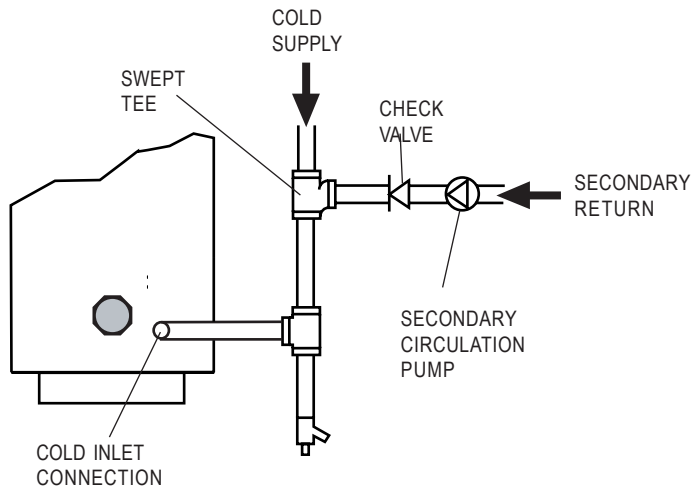
3.6 SECONDARY CIRCULATION

A 3/4" BSP female threaded boss is provided (supplied blanked with a 3/4" BSP plug and sealing washer) for the connection of a secondary circulation return pipe. Alternatively, if it is a requirement that the whole cylinder contents be circulated the secondary return can be teed into the cold feed pipe via a swept tee joint (available as an accessory, order code no. 95 605 812).

A suitable WRAS approved bronze circulation pump and check valve to prevent backflow should be installed in the secondary return pipework.

Secondary circulation is not recommended for direct electric units.

Diagram 2 - Secondary circulation connection to cold feed pipe



Installation - Direct units

4.1 FITTING THE IMMERSION HEATER(S)

The immersion heater(s) supplied should be screwed into the 1 3/4" BSP boss(es) on the side of the MegaLife unit. Ensure the "o"-ring seal is in place and is not damaged. **DO NOT** use any other type of seal or sealant on the threads.

The MegaLife heater will not accept standard 2 1/4" BSP threaded immersion heaters. This is to prevent the use of immersion heaters which do not have a safety thermal cut-out fitted. The immersion heater should only be replaced with authorised Heatrae Sadia spare parts.

The 170 litre and 210 litre direct models are supplied with two immersion heaters. If both immersion heaters are not required a boss can be plugged with the aid of an 1 3/4" BSP blanking plug available from Heatrae Sadia (order Heatrae Sadia part no. 95 605 829).

4.2 WIRING (see Diagram 3)

All electrical wiring should be carried out by a competent electrician and be in accordance with the latest I.E.E. Wiring Regulations. Each circuit must be protected by a suitable fuse and double pole isolating switch with a contact separation of at least 3mm in both poles.

The immersion heater(s) should be wired in accordance with Diagram 3 and the instructions supplied within the cap of the immersion heater(s). The immersion heater(s) **MUST** be earthed. The supply cable must be routed through the cable grip provided and the outer sheath of the cable firmly secured by tightening the screws on the cable grip. Replace the immersion heater cover(s) before operating.

DO NOT operate the immersion heater(s) until the MegaLife has been filled with water.

4.3 OPERATION

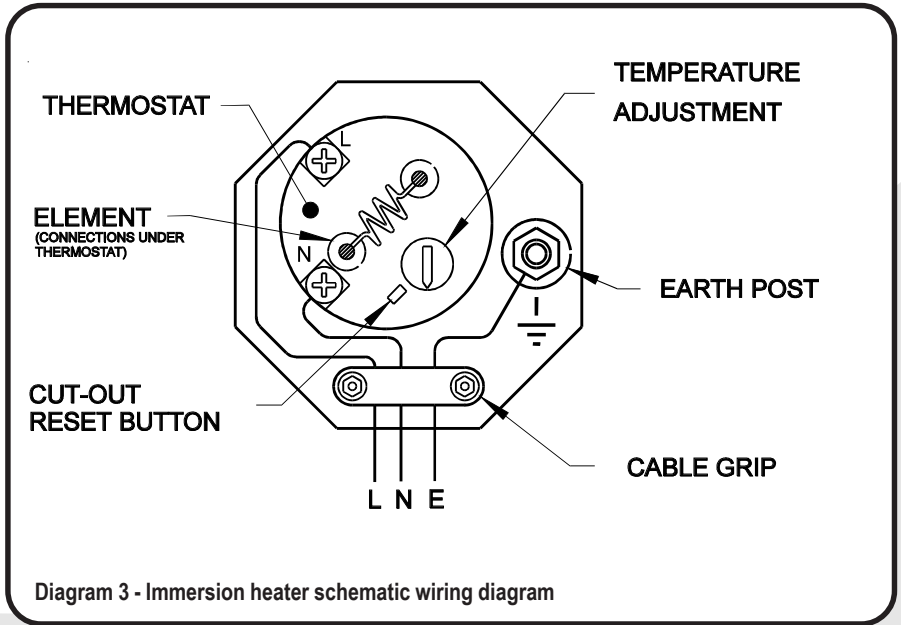
It is recommended that the immersion heater thermostats are set to between position 4 and 5 (60° - 65°C), however they can be set between 1 and 5 (10° and 70°C). The thermostat incorporates a thermal cut-out that will switch off the immersion heater in the event of a thermostat failure. The thermal cut-out reset button position is indicated on Diagram 3. **DO NOT** bypass the thermal cut-out in any circumstances.

4.4 SAFETY

DO NOT BYPASS THE THERMAL CUT-OUT(S) IN ANY CIRCUMSTANCES

DISCONNECT FROM THE MAINS SUPPLY BEFORE REMOVING ANY COVERS

NEVER ATTEMPT TO REPLACE AN IMMERSION HEATER OTHER THAN WITH THE RECOMMENDED HEATRAE SADIA MEGALIFE SPARE PART



Installation - Indirect units

5.1 BOILER SELECTION

The MegaLife Indirect models are suitable for use with most gas or oil fired boilers. The boiler used can either be a sealed system or open vented type. The maximum primary circuit pressure is 3.5 bar. If an open vented type boiler is used it must be fed from a separate boiler feed and expansion cistern, it **MUST NOT** be fed from the MegaLife cold water feed cistern.

The primary flow from the boiler should be pumped. Gravity circulation is not recommended due to its reduced heating performance. It is recommended that an air bleed point or automatic air vent is incorporated in the primary return pipework close to the MegaLife unit to aid in bleeding air from the primary heating coil.

The boiler should be fitted with adequate thermal control. This will normally include a primary flow thermostat and a safety over temperature cut-out. The boiler flow temperature should usually be set to 82°C (maximum flow temperature to primary heat exchanger 90°C).

The boiler cannot be vented through the MegaLife unit.

5.2 INDIRECT THERMAL CONTROLS

Control of the storage temperature when indirectly heated is provided by the cylinder thermostat fitted. The control is located under the grey plastic cover located between the indirect coil connections. The cylinder thermostat is adjustable between 10° and 70°C, adjustment is made by rotating the adjustment dial located under the control cover. Recommended storage temperature is 60° to 65°C. See Diagram 4.

5.3 WIRING

All electrical wiring should be carried out by a competent electrician and be in accordance with the latest I.E.E. Wiring Regulations.

The MegaLife Indirect Thermostat and Thermal Cut-out are factory pre-wired. It is recommended that these controls are wired in series with a suitable 2 or 3 port motorised valve to control the primary flow through the heater coil. Wiring to external controls is made via the terminal block fitted. The cable should be routed through the aperture in the terminal cover and secured using the cable grip provided. The Indirect Thermal Cut-out **MUST NOT** be bypassed.

5.4 HEATING SYSTEM CONTROLS

The controls provided with the MegaLife will ensure the safe operation of the MegaLife within a central heating system. Other controls will be necessary to control the space heating requirements and times that the system is required to function. Depending on the boiler selected, heating circuit design and controls used it may be beneficial to incorporate a system bypass in the heating system pipework.

The MegaLife is compatible with most heating controls, examples of electrical circuits are given in Diagrams 5 and 6. However, other systems may be suitable, **refer to the controls manufacturers' instructions, supplied with the controls selected, for alternative system wiring schemes.**

5.5 IMMERSION HEATER

The MegaLife indirect units are supplied with an immersion heater which can be used as an alternative heat source should the boiler supply need to be isolated from the MegaLife unit. Refer to Sections 4.1 to 4.4 and Diagram 3 for details of fitting, wiring and operation of the immersion heater.

Diagram 4 - Indirect controls housing details

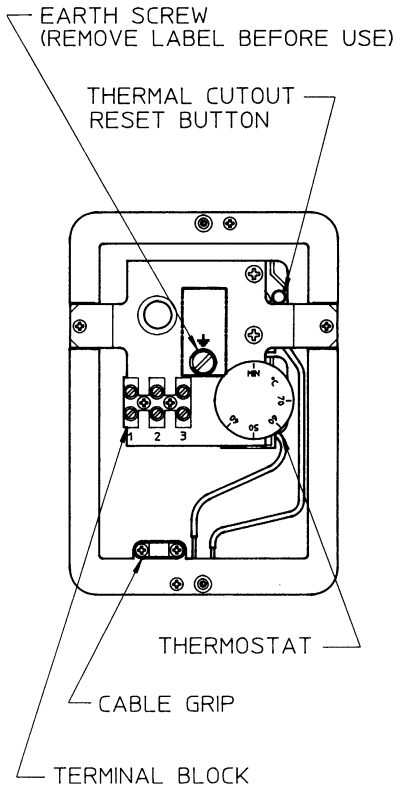
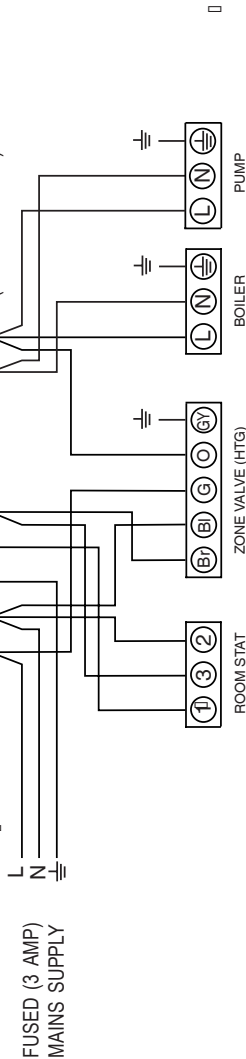


Diagram 5 - 2 x 2 port valve system

CONTROL TERMINAL NUMBERING MAY DIFFER FROM THOSE SHOWN. REFER TO INSTRUCTIONS SUPPLIED WITH CONTROLS SELECTED

N.B. A DOUBLE POLE ISOLATING SWITCH MUST BE INSTALLED IN THE MAINS SUPPLY



NOTES

1. ALL EARTH CONNECTIONS MUST BE LINKED BACK TO THE MAINS EARTH SUPPLY
2. ASSUMES BASIC BOILER WITH EXTERNAL PUMP
3. THE ABOVE DIAGRAM IS FOR GUIDANCE ONLY. HEATRAE SADIA ACCEPT NO LIABILITY FOR ANY LOSS OR DAMAGE ARISING FROM ANY ERRORS OR OMISSIONS THAT MAY BE INADVERTENTLY CONTAINED WITHIN THIS DIAGRAM. THE VARIOUS EQUIPMENT MANUFACTURERS SHOULD BE CONSULTED TO CONFIRM THE CORRECT OPERATION OF THEIR PRODUCTS WITHIN THE SYSTEM

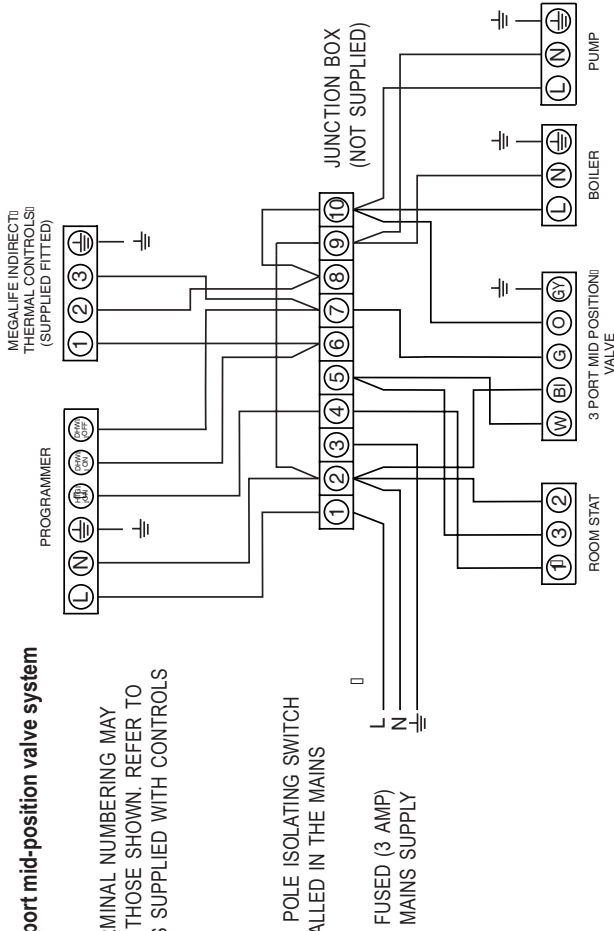
KEY

Br	BROWN
Bl	BLUE
G	GREY
O	ORANGE
Gy	GREEN/YELLOW
DhW	DOMESTIC HOT WATER
Htg	HEATING

Diagram 6 - 3 port mid-position valve system

CONTROL TERMINAL NUMBERING MAY DIFFER FROM THOSE SHOWN. REFER TO INSTRUCTIONS SUPPLIED WITH CONTROLS SELECTED

N.B. A DOUBLE POLE ISOLATING SWITCH MUST BE INSTALLED IN THE MAINS SUPPLY



KEY

B r	BROWN
B l	BLUE
G	GREY
O	ORANGE
GY	GREEN/YELLOW
W	WHITE
DHW	DOMESTIC HOT WATER
HTG	HEATING

NOTES

1. ALL EARTH CONNECTIONS MUST BE LINKED BACK TO THE MAINS EARTH SUPPLY
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6 Commissioning

6.1 FILLING THE MEGALIFE WITH WATER

Ensure that all fittings and immersion heater(s) are correctly fitted and tightened.

- i) Open the highest hot tap in the system.
- ii) Open the mains cold water supply to the cold water feed cistern.
- iii) Open the service valve or stop valve fitted in the cold feed pipe to the unit. Allow the unit to fill. When water issues from the hot tap allow to run for a few minutes to flush through any dirt or swarf, then close tap.
- iv) Allow cold water feed cistern to fill to the water line. Adjust the float valve if necessary.
- v) Open successive hot taps to purge any air from the system.
- vi) Check all connections for leaks and rectify as necessary.

6.2 DIRECT UNITS

DO NOT switch on the electrical supply until the MegaLife unit is filled with water.

When the system is full switch on the electrical supply to the immersion heater(s) and allow the unit to heat up. Check that the thermostat operates correctly. A storage temperature of approx. 60°C is recommended (between graduations 4 and 5 on the thermostat). If necessary the temperature can be adjusted by inserting a flat bladed screwdriver in the adjustment knob on top of the immersion heater thermostat and rotating (see Diagram 3). The adjustment range 1 to 5 represents a temperature range of between 10° and 70°C.

6.3 INDIRECT UNITS

Fill the indirect (primary) circuit following the boiler manufacturer's commissioning instructions. To ensure the primary heating coil in the MegaLife is filled any motorised valve fitted to control the primary flow to the MegaLife primary heating coil should be manually opened by moving the lever on the motor housing to the MAN OPEN setting. When the primary circuit is full return the lever to the AUTO position. Vent any trapped air by opening the air bleed.

DO NOT switch on the boiler until the MegaLife unit is filled with water.

When the system is full switch on the boiler, ensure the programmer is set to Domestic Hot Water. Allow the MegaLife unit to heat up and check that the indirect thermostat and any motorised valve connected operate correctly. A storage temperature of approx. 60°C is recommended. If necessary the temperature can be adjusted by rotating the adjustment knob (located on the front of the thermostat mounting bracket see Diagram 4).

6.5 BENCHMARK™ COMMISSIONING CERTIFICATE

On completion of the installation and commissioning procedures detailed in this manual the Benchmark™ "Vented Cylinder Commissioning Certificate" should be completed and signed off by the competent installer or commissioning engineer in the relevant sections.

The various system features, location of system controls, user instructions and what to do in the event of a system failure should be explained to the customer. The Commissioning Certificate should be left with the customer along with these instructions.

User Instructions

7.1 TEMPERATURE CONTROL

IMMERSION HEATER(S)

A combined thermostat and thermal cut-out is provided for each immersion heater. The thermostat is factory set to give a water storage temperature of approx. 60°C, however it can be set to control between 10°C and 70°C. This will usually have been done during installation. Adjustments can only be made by opening the terminal cover(s), **DO NOT remove the cover(s) without first switching off the electrical supply**. The temperature adjustment is made by inserting a flat bladed screwdriver in the slot in the disc on top of the thermostat and rotating (see Diagram 3).

If in any doubt consult a competent electrician.

INDIRECT UNITS

Indirect units are fitted with an Indirect Thermostat which will control either a 2 or 3 Port motorised valve and hence the temperature of the water in the MegaLife unit. The thermostat is factory set to give a water storage temperature of approx. 60°C, however it can be set to control between 10°C and 70°C, this will usually have been done during installation. Adjustments can only be made by opening the terminal cover. **DO NOT remove the cover without first switching off the electrical supply**. Temperature adjustment is made by rotating the adjustment knob located on the front of the thermostat mounting bracket (see Diagram 4).

If in any doubt consult a competent electrician.

DO NOT bypass the thermal cut-out in any circumstances.

7.2 FLOW PERFORMANCE

As with any cistern fed vented system the pressure obtained at the outlet points is due to the height (head) of the cold water feed cistern above the outlet. Outlet points with a low head may give lower flow rates than those located at a lower level within the property. When several hot outlets are opened simultaneously some loss of flow from outlets with a low head or located some distance from the MegaLife may occur. This is a function of the system design and does not necessarily indicate a fault with the water heater.

If in doubt consult a competent plumbing installation engineer.

Maintenance

8.1 MAINTENANCE REQUIREMENTS

The MegaLife has been designed and manufactured to require very little maintenance. However, to ensure the continued optimum performance of the MegaLife it should be periodically maintained. This is of particular importance in hard water areas where limescale can build up on hot surfaces and eventually affect the heating efficiency of either the immersion heater(s) or primary heating coil. Maintenance should be carried out by a competent person and any replacement parts used should be authorised Heatrae Sadia MegaLife spare parts.

In hard water areas consideration should be given to periodically descaling the immersion heater elements. To do this the MegaLife unit will need to be drained, 8.2 and 8.3 below detail how to drain the unit and remove the immersion heater(s).

8.2 DRAINING THE MEGALIFE UNIT

Switch off the electrical supply to the immersion heater(s) and shut down the boiler on indirect units. Turn off the cold water supply to the MegaLife unit by shutting the service valve in the cold water feed pipe from the feed cistern. Attach a hosepipe to the drain cock having sufficient length to take water to a suitable discharge point below the level of the unit, at least one metre below the unit is recommended. Open drain cock.

8.3 DESCALING IMMERSION HEATER(S)

Open the cover(s) to the immersion heater(s) and disconnect wiring from immersion heater(s). Unscrew immersion heater(s) using an immersion heater box spanner.

Carefully remove any scale from the surface of the element(s). DO NOT use a sharp implement as damage to the element surface could be caused. Ensure sealing surfaces are clean and seals are undamaged, if in doubt fit a new 'o'-ring seal.

Replace immersion heater(s) and tighten using an immersion heater box spanner.

Rewire the immersion heater(s) in accordance with Diagram 3. Close and secure terminal cover(s).

8.4 REFILLING SYSTEM

DO NOT switch on the immersion heater(s) or boiler until the system has been completely refilled.

Close the drain tap. With the highest hot tap in the system open, turn on the service valve in the cold water feed pipe. When water flows from the hot tap allow to flow for a short while to purge air and to flush through any disturbed particles. Close hot tap and then open successive hot taps in system to purge any air. The electrical supply can now be switched on.

Fault Finding & Servicing

9.1 IMPORTANT

- i) Servicing should only be carried by competent installers in the installation and maintenance of water heating systems.
- ii) Any spare parts used **MUST** be authorised Heatrae Sadia parts.
- iii) Disconnect the electrical supply before removing any electrical equipment covers.
- iv) **NEVER** bypass any thermal controls or operate system without the necessary safety controls.
- v) Water contained in the MegaLife unit may be very hot, especially following a thermal control failure. Caution must be taken when drawing water from the unit.

9.2 SPARE PARTS

A full range of spare parts are available for the MegaLife range. Refer to the Technical Data label on the unit to identify the model installed and ensure the correct part is ordered.

Description	Part no.
Immersion heater	95 606 794
Immersion heater 'o'-ring	95 611 810
Immersion heater combined thermostat and thermal cut-out	95 612 599
Indirect units only:	
Indirect thermostat	95 612 597
Indirect thermal cut-out	95 612 598

9.3 FAULT FINDING

The Fault Finding chart overleaf (Table 1) will enable operational faults to be identified and their possible causes rectified. Any work carried out on the MegaLife water heater and its associated controls **MUST** be carried out by a competent installer for water heating systems. In case of doubt contact the Heatrae Sadia Service Department (see Section 12).

Table 1 - Fault Finding Chart

FAULT	POSSIBLE CAUSE	REMEDY
No hot water flow	<ol style="list-style-type: none"> 1. No water in cold feed cistern 2. Service valve in cold water feed pipe from cistern turned off 3. Air lock in system 4. Inadequate head between outlet and cold water feed cistern 	<ol style="list-style-type: none"> 1. Check water supply to cold feed cistern 2. Turn on service valve 3. Check pipework layout for possible air locking points, rectify as necessary 4. Check minimum head requirement of outlet fitting
Hot water flow gradually decreases	<ol style="list-style-type: none"> 1. Outlet flow rate exceeds inlet flow to cold water feed cistern 2. Flow starvation caused by opening further outlets 	<ol style="list-style-type: none"> 1. Install higher flow float valve. Consider larger cold water cistern storage capacity 2. Check pipe sizings and layout. Consider restricting flow rate through lower taps
Water from hot taps is cold	<ol style="list-style-type: none"> 1. DIRECT immersion heater not switched on 2. DIRECT immersion heater thermal cut-out has operated 3. INDIRECT programmer set to Central Heating only 4. INDIRECT boiler not working 5. INDIRECT thermal cut-out has operated 6. INDIRECT motorised valve not connected correctly 	<ol style="list-style-type: none"> 1. Check and switch on 2. Check. Reset by pushing button. (See Diagram 6) 3. Check. Set to a Domestic Hot Water programme 4. Check boiler operation. If fault is suspected consult boiler manufacturer's instructions 5. Check. Reset by pushing button on cut-out. Check operation of indirect thermostat 6. Check wiring and/or plumbing connections to motorised valve (see Diagrams 9&10)



Dimensions & Specifications

Diagram 7 - Dimensions

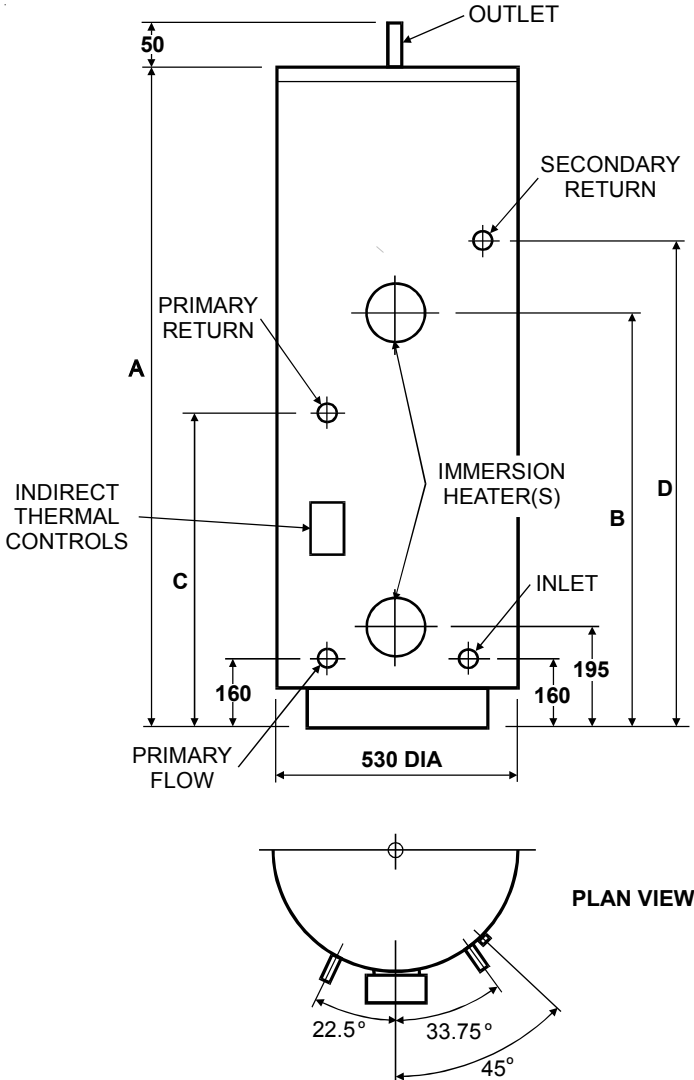


Table 2 - Dimensions

SIZE	TYPE		DIMENSIONS (mm)			
	DIRECT	INDIRECT	A	B	C	D
100	D		758	n/a	n/a	505
100		CL	758	n/a	560	505
120	D		880	n/a	n/a	615
120		CL	880	n/a	560	615
150	D		1064	n/a	n/a	779
150		CL	1064	n/a	610	779
170	D		1190	760	n/a	880
170		CL	1190	n/a	710	880
210	D		1448	849	n/a	1081
210		CL	1448	n/a	760	1081

Table 3 - Direct units - Technical specifications

SIZE	UNIT WEIGHT (kg)		HEAT UP TIMES (mins)		
	EMPTY	FULL	LOWER (3kW)	UPPER + LOWER (6kW)	UPPER BOOST (3kW)
100	24	124	89	n/a	n/a
120	26	146	107	n/a	n/a
150	29	179	134	n/a	n/a
170	31	201	152	76	64
210	42	252	187	94	88

Table 4 - Indirect units - Technical specifications

SIZE	UNIT WEIGHT (kg)		COIL SPECIFICATIONS			
	EMPTY	FULL	SURFACE (sq.m)	HEAT UP (mins)	RECOVERY (mins)	RATING (kW)
100	25	125	0.521	23	18	11.8
120	27	147	0.521	27	22	11.8
150	31	181	0.586	32	26	12.5
170	34	204	0.716	31	26	14.5
210	45	255	0.782	33	27	16.9

NOTE

Coil heating performance based on a primary flow rate of 15 l/min at 80° C.
Temperature rise is from 15° C to 60° C.

OUTLINE SPECIFICATIONS

Maximum working head 40 metres (4 bar)

Immersion heater rating (a.c. supply only) 3kW 240V
2.8kW 230V

Maximum primary circuit pressure 3.5 bar

Outer casing:

White textured plastic coated corrosion proofed steel

Water container:

Duplex stainless steel (grade 1.4362 to EN10088). 100% pressure tested to 15 bar.

Thermal insulation:

HCFC/CFC free fire retardant expanded polyurethane foam. Nominal thickness 40mm.

Immersion heater:

Titanium sheathed element. Alloy 825 thermostat pocket. Brass 1 3/4" BSP male parallel threaded boss.

Pipe connections:

All connections 22mm outside diameter stainless steel pipe - suitable for compression nuts and olives.
Secondary return tapping thread rate is 3/4" BSP female parallel to accept standard 3/4" BSP male fittings if required.

Safety features:

Direct units -

Manually resettable thermal cut-out on each heating element

Indirect units -

Manually resettable thermal cut-out on heating element

Manually resettable thermal cut-out for primary heating. Must be wired in conjunction with a suitable motorised valve located within the primary heating circuit (not supplied).

Guarantee

Goods are guaranteed and sold subject to our standard conditions of sale. A copy of these conditions will be supplied on application

11.1 GUARANTEE TERMS

Heatrae Sadia guarantee the MegaLife titanium immersion heater for a period of five years from the date of purchase, with the exception of damage due to scaling.

Electrical parts and thermal controls are guaranteed for a period of two years from the date of purchase.

The stainless steel vessel is guaranteed for a period of twenty-five years against faulty manufacture or materials provided that :-

- i) It has been installed by a competent installer and as per the instructions contained in this manual and all relevant Codes of Practice and Regulations in force at the time of installation.
- ii) It has not been modified in any way other than by Heatrae Sadia Heating Ltd.
- iii) It has only been used for the storage of potable water.
- iv) It has not been installed in a location liable to be subjected to frost, nor has it been tampered with or been subjected to misuse or neglect.
- v) No factory fitted parts have been removed for unauthorised repair or replacement.
- vi) Within 60 days of purchase the user completes and returns the certificate supplied along with proof of purchase to register the product.

Evidence of purchase and date of supply must be submitted.

This guarantee does not affect your statutory rights.

ENVIRONMENTAL INFORMATION

This product is made from many recyclable materials, therefore at the end of its useful life it should be disposed of at a Local Authority Recycling Centre in order to realise the full environmental benefits.

Insulation is by means of an approved HCFC and CFC free polyurethane foam.

The pace of product development is such that we reserve the right to change product specifications without notice. We do, however, strive to ensure that all information in this leaflet is accurate at the time of publication

Contacts

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