Export

EN

Independent domestic hot water tanks

BP 150...500-2

L000570-A

Installation, User and Service Manual

7607680-001-04

remeha

Contents

1 Safety instructions

1.1 General safety instructions

DANGER

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

CAUTION

- In order to limit the risk of being scalded, the installation of a thermostatic mixing valve on the domestic hot water flow piping is compulsory.
- The thermostatic mixing valve must be set to maximum at 60°C.

1.2 Recommendations

CAUTION

Do not neglect to service the appliance. Service the appliance regularly to ensure that it operates correctly.

WARNING

Only qualified professionals are authorised to work on the appliance and the installation.

WARNING

Heating water and domestic water must not come into contact with each other. Domestic water must not circulate via the exchanger.

- To take advantage of the guarantee, no modifications must be made to the appliance.
- To reduce heat losses as much as possible, insulate the pipes.

Only remove the covers for maintenance and breakdown repair operations and put the covers back in place after the maintenance and breakdown repair operations.

Instructions stickers

The instructions and warnings affixed to the appliance must never be removed or covered and must remain legible during the entire lifespan of the appliance. Immediately replace damaged or illegible instructions and warning stickers.

1.3 Liabilities

1.3.1. Manufacturer's liability

Our products are manufactured in compliance with the requirements of the various applicable European

Directives. They are therefore delivered with CE marking and all relevant documentation.

In the interest of customers, we are continuously endeavouring to make improvements in product quality. All the specifications stated in this document are therefore subject to change without notice.

Our liability as the manufacturer may not be invoked in the following cases:

- Failure to abide by the instructions on using the appliance.
- Faulty or insufficient maintenance of the appliance.
- Failure to abide by the instructions on installing the appliance.

1.3.2. Installer’s liability

The installer is responsible for the installation and commissioning of the appliance. The installer must respect the following instructions:

- Read and follow the instructions given in the manuals provided with the appliance.
- Carry out installation in compliance with the prevailing legislation and standards.
- Perform the initial start up and carry out any checks necessary.
- Explain the installation to the user.
- If a maintenance is necessary, warn the user of the obligation to check the appliance and maintain it in good working order.
- Give all the instruction manuals to the user.

1.3.3. User’s liability

To guarantee optimum operation of the appliance, the user must respect the following instructions:

- Read and follow the instructions given in the manuals provided with the appliance.
- Call on qualified professionals to carry out installation and initial start up.
- Get your installer to explain your installation to you.
- Ensure the Appliance is serviced in accordance with the manufacturer’s instructions by a suitable qualified person.
- Keep the instruction manuals in good condition close to the appliance.

2 About this manual

2.1 Symbols used

2.1.1. Symbols used in the manual

In these instructions, various danger levels are employed to draw the user's attention to particular information. In so doing, we wish to safeguard the user's safety, highlight hazards and guarantee correct operation of the appliance.

DANGER

Risk of a dangerous situation causing serious physical injury.

WARNING

Risk of a dangerous situation causing slight physical injury.

CAUTION

Risk of material damage.

Signals important information.

Signals a referral to other instructions or other pages in the instructions.

2.1.2. Symbols used on the equipment

Before installing and commissioning the device, read carefully the instruction manuals provided.

Dispose of the used products in an appropriate recovery and recycling structure.

2.2 Abbreviations

- **DHW**: Domestic hot water

2.3 Homologations

2.3.1. Certifications

This product complies to the requirements to the european directives and following standards:

- 2006/95/EC Low Voltage Directive.
  Reference Standard: EN 60.335.1.
  Reference Standard: EN 60.335.2.21.
- 2004/108/EC Electromagnetic Compatibility Directive.
  Reference Standards: EN 50.081.1, EN 50.082.1, EN 55.014

2.3.2. Directive 97/23/EC

This product conforms to the requirements of european directive 97 / 23 / EC, article 3, paragraph 3, on pressure equipment.

3 Technical description

3.1 General description

BP 150...500-2 are high performance independent domestic hot water tanks.

DHW calorifiers BP 150...500-2 can be connected to central heating boilers used for heating domestic hot water.

Main parts:

- The tanks are made of high quality steel lined with food quality standard enamel vitrified at 850°C, which protects the tank from corrosion.
- The heat exchanger welded into the tank is made of smooth tubing, the external surface of which, which is in contact with domestic water, is enamelled.
- The appliance is insulated with polyurethane foam, which helps to reduce heat losses to the minimum.
- To facilitate recycling of materials, the insulation can be easily removed from the tank.
- The external casing is made of ABS.
- The tanks are protected against corrosion by one or more magnesium anodes.

3.2 Technical specifications

3.2.1. Characteristics of the DHW calorifier

		BP 150-2	BP 200-2	BP 300-2	BP 400-2	BP 500-2
Primary circuit (Exchanger)						
Maximum operating temperature	°C	110	110	110	110	110
Maximum operating pressure	Mpa (bar)	1 (10)	1 (10)	1 (10)	1 (10)	1 (10)
Exchanger capacity	litres	5.6	8.1	11.4	14.8	20.8
Exchange surface	m^2	0.84	1.20	1.70	2.20	3.10
Water resistance at 3 m^3/h	kPa	12	14	17	20	26
Secondary circuit (domestic water)						
Maximum operating temperature	°C	95	95	95	95	95
Maximum operating pressure	Mpa (bar)	1 (10)	1 (10)	1 (10)	1 (10)	1 (10)
Water content	litres	145	195	290	385	485
Weight						
Shipping weight	kg	68	85	110	146	173

(1) Primary temperature: 80 °C - Domestic cold water inlet: 10 °C - Domestic hot water outlet: 45 °C - Primary flow rate: 3 m^3/h
(2) Primary temperature: 80 °C - Domestic cold water inlet: 10 °C - Domestic hot water outlet: 40 °C - Domestic hot water storage: 60 °C
(3) Satisfies the requirements of the EN 12977–1 standard

		BP 150-2	BP 200-2	BP 300-2	BP 400-2	BP 500-2
DHW calorifiers	kg	56	73.5	98.15	133.3	160.2
Performances related to the boiler type						
Power exchanged(1)	kW	29	39	54	68	86
Flow per hour (Domestic hot water , ΔT = 35 °C) (1)	litres per hour	710	960	1330	1670	2110
Draw-off capacity (ΔT = 30°C) (10 minutes)(2)	litres per 10 min.	250	340	520	670	800
Maintenance consumption (ΔT=45K)(3)	kWh/24h	1.10	1.30	1.60	2.00	2.20
Performance N_L		2.5	4.7	11	16	20

(1) Primary temperature: 80 °C - Domestic cold water inlet: 10 °C - Domestic hot water outlet: 45 °C - Primary flow rate: 3 m^3/h
(2) Primary temperature: 80 °C - Domestic cold water inlet: 10 °C - Domestic hot water outlet: 40 °C - Domestic hot water storage: 60 °C
(3) Satisfies the requirements of the EN 12977–1 standard

4 Installation

4.1 Regulations governing installation

CAUTION

Installation of the appliance must be done by a qualified engineer in accordance with prevailing local and national regulations.

DANGER

Temperature limit at draw-off points: we would remind you that the maximum domestic hot water temperature at the draw-off point is subject to particular regulations in the various countries where the appliance is sold in order to protect the consumer. Such regulations must be observed when installing the appliance

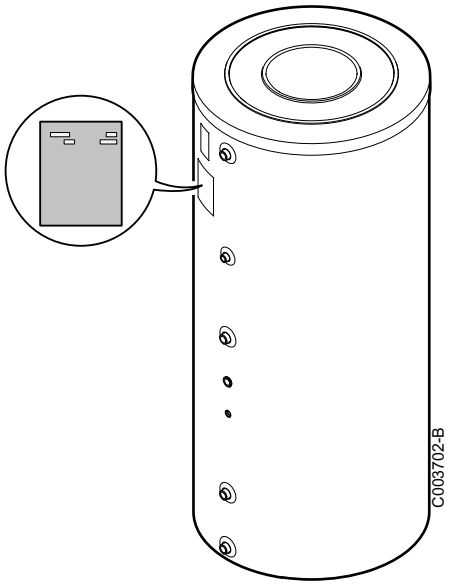
4.2 Package list

4.2.1. Standard delivery

The delivery includes:

- A domestic hot water tank.
- An installation, use and service manual.

4.3 Choice of the location



4.3.1. Type plate

The nameplate affixed to the tank provides important information regarding the appliance: serial number, model, etc.

CAUTION

The type plate must be accessible at all times.

4.3.2. Positioning of the appliance

CAUTION

Put the appliance in a frost-free location.

- Place the appliance as close as possible to draw-off points in order to minimise energy losses through the pipes.
- Place the appliance on a base frame to facilitate cleaning of the premises.
- Install the appliance on a solid, stable structure able to bear its weight.

4.3.3. Main dimensions

■ Key to the diagrams

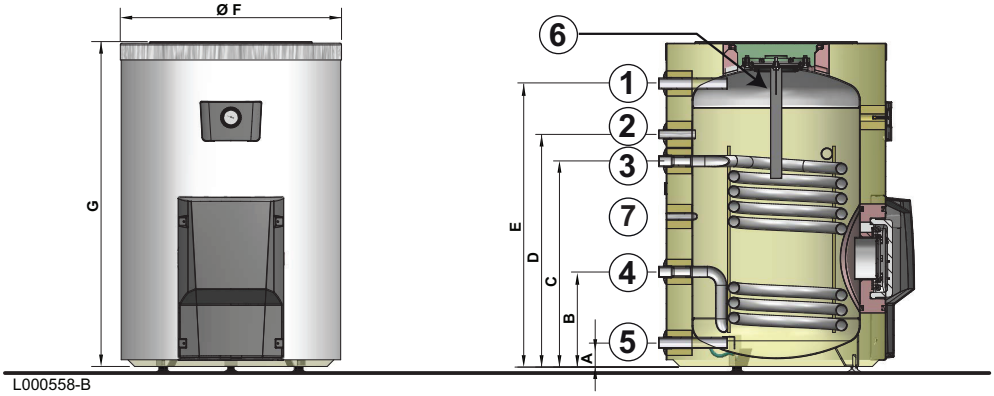
① Domestic hot water outlet G1"
② Circulation G¾"
③ Exchanger inlet G1"
④ Exchanger outlet G1"
⑤ Domestic cold water inlet + Drain opening G1"
⑥ Anode

⑦ Sensor tube for DHW sensor

G : Exterior cylindrical threading, sealed by sheet gasket

	BP 150-2	BP 200-2	BP 300-2	BP 400-2	BP 500-2
A	70	70	70	66	71
B	282	282	282	282	283
C	612	747	972	972	1152
D	692	910	1262	1220	1348
E	844	1114	1634	1509	1618
F(Ø)	655	655	655	755	805
G	964	1234	1754	1642	1760

■ BP 150-2



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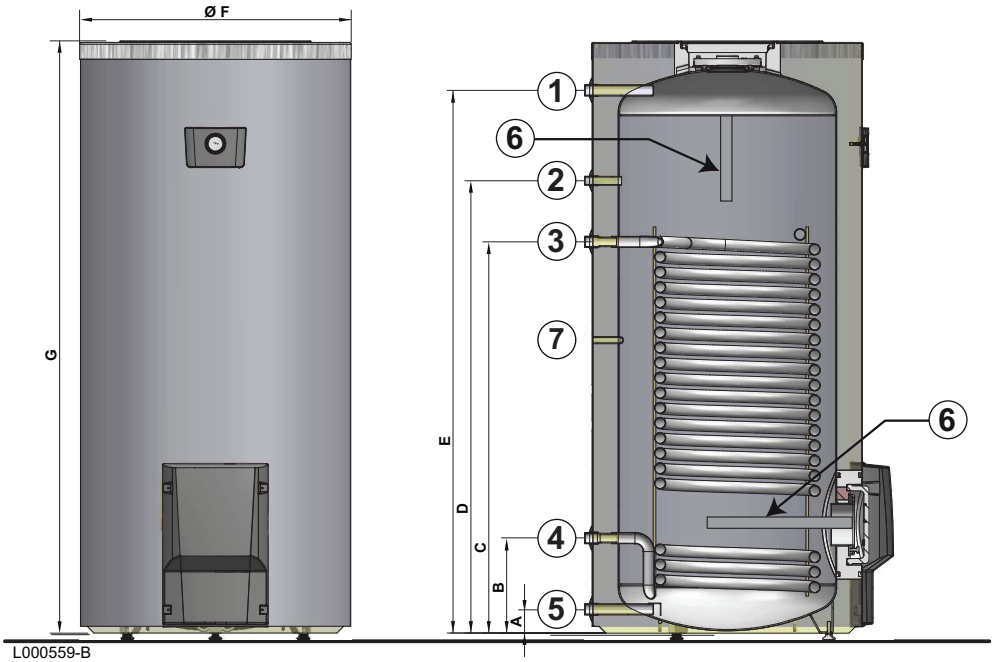
■ BP 200-2 - BP 300-2 - BP 400-2 - BP 500-2



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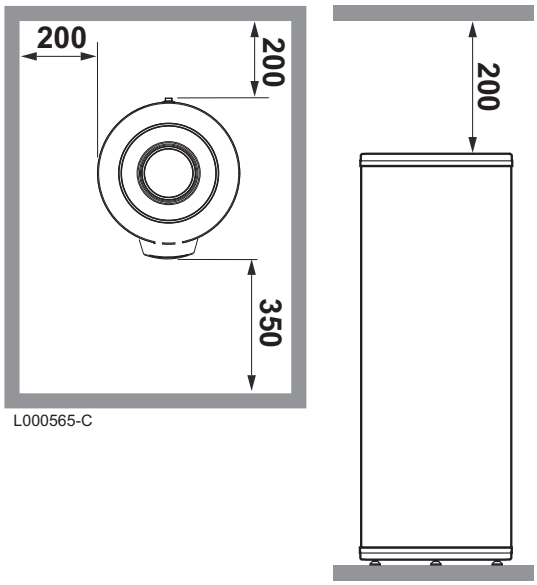
4.4 Positioning the appliance



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CAUTION

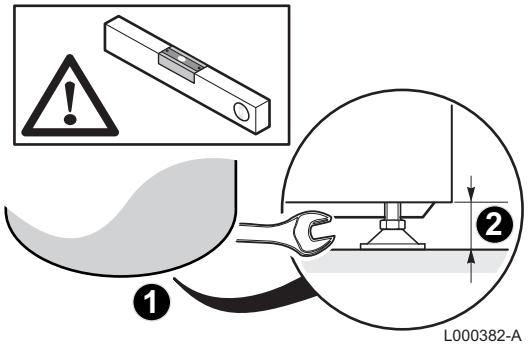
- Have 2 people available.
- Handle the appliance with gloves.

CAUTION

Allow a free space of 500 mm around the anodes to ensure ease of access.

1. Remove the packaging from the DHW calorifier, leaving the calorifier on the pallet used for transport.
2. Remove the protective packaging.
3. Remove the 3 screws securing the calorifier to the pallet.
4. Lift the DHW calorifier and place it in its final position, respecting the distances shown on the diagram.

4.5 Levelling



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The DHW calorifier is levelled using the 3 feet (delivered in the instructions pack) to be screwed to the bottom of the DHW calorifier.

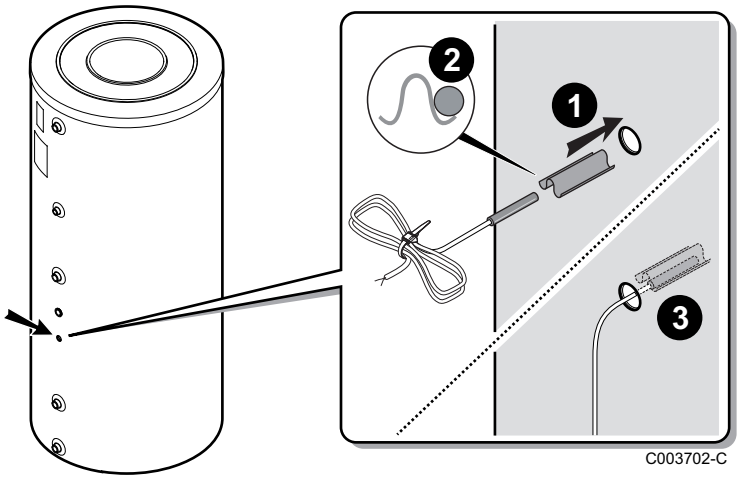
1. Screw the 3 adjustable feet onto the bottom of the tank.
2. Level the appliance using the adjustable feet.

- Adjustment range: 10 mm.
- Use metal blocks under the feet of the calorifier if necessary.

CAUTION

Do not place the blocks on the exterior sides of the domestic hot water calorifier.

4.6 Fitting the DHW sensor



1. Insert the sensor into the sensor tube with the help of the sensor tube separator.

The sensor tube separator is provided in the instructions bag.

2. Check that the sensors are correctly positioned in the sensor tube.
3. Check the mounting of the sensor tube separator.

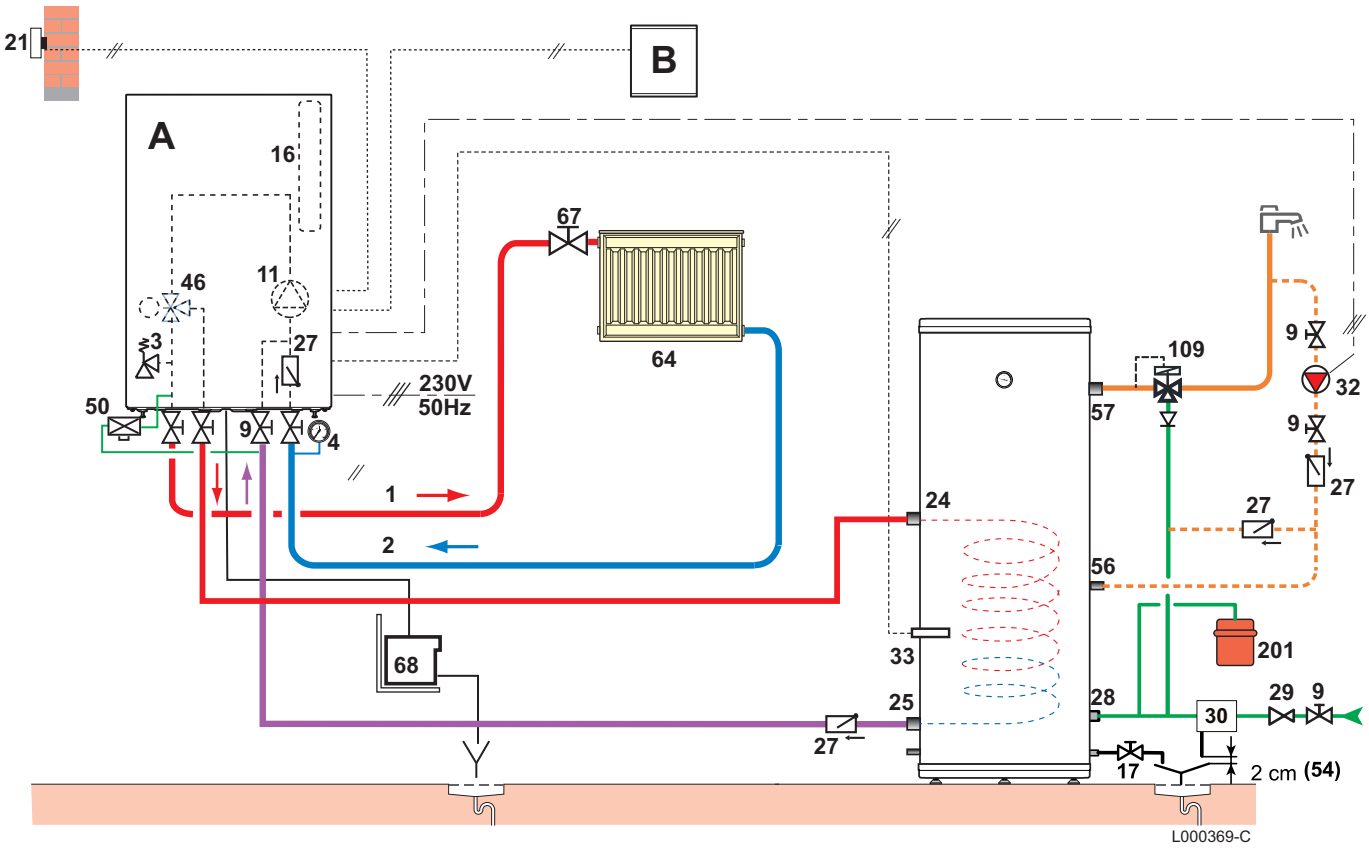
4.7 Hydraulic installation diagram

4.7.1. Legend

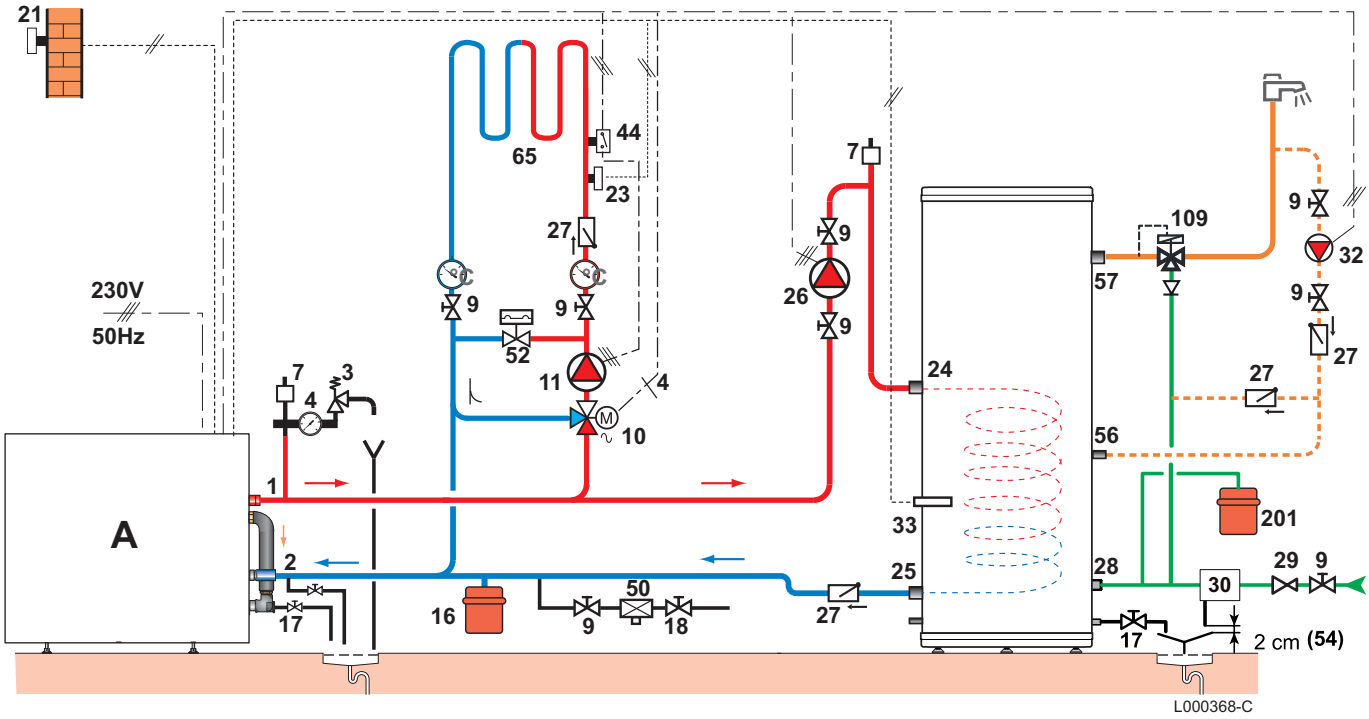
A	Boiler, Heat pump
B	Regulation
1	Heating flow
2	Heating return
3	3-bar safety valve
4	Pressure gauge
7	Automatic air vent
9	Isolating valve
10	3-way mixing valve
11	Heating pump
16	Expansion vessel
17	Drain cock
18	Filling the heating circuit
21	Exterior temperature sensor
23	Mixing valve outlet temperature sensor

24	DHW calorifier exchanger primary inlet
25	DHW calorifier heat exchanger primary outlet
26	DHW load pump
27	Non-return valve
28	Domestic cold water inlet
29	Pressure reducer
30	Safety unit
32	D.H.W. loop back pump
33	DHW temperature sensor
44	Thermostat limiting the temperature to 65°C with manual reset for underfloor heating
46	3-way directional valve with reversal motor
50	Disconnector
52	Differential valve
54	End of the discharge pipe free and visible 2 to 4 cm above the flow funnel
56	Circulation
57	Domestic hot water outlet
64	direct heating circuit (example: radiators)
65	Heating circuit which may be at low temperature (heated floor or radiators)
67	Manual head valve
68	Condensates neutralisation system
109	Domestic hot water thermostatic mixing valve
201	DHW expansion vessel

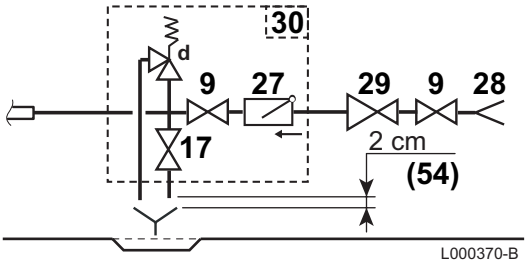
4.7.2. Example of a wall-mounted condensing gas boiler



4.7.3. Example with a floor standing boiler



4.7.4. Safety unit



9	Isolating valve
28	Domestic cold water inlet
29	Pressure reducer
30	Safety unit
54	End of the discharge pipe free and visible 2 to 4 cm above the flow funnel
a	Cold water inlet with an integrated non-return valve
b	Connection to the DHW calorifer cold water inlet
c	Stop cock
d	0.7 MPa safety valve (7 bar)
e	Drain opening

4.8 Hydraulic connections

4.8.1. Hydraulic connection of the primary circuit (exchanger circuit)

☞See diagram : "Hydraulic installation diagram", page 15.
For the hydraulic connection of 150 l to 300 l tanks and the boiler (right or left), we offer optional hydraulic connection kits.
For connection using these kits, refer to the instructions delivered with them.

4.8.2. Connecting the calorifer to the domestic water circuit (secondary circuit)

When making the connections, it is imperative that the standards and corresponding local directives are respected. To reduce heat losses as much as possible, insulate the pipes.

■ Specific precautions

Before making the connection, **rinse the drinking water inlet pipes** in order not to introduce metal or other particles into the appliance's tank.

■ Safety valve

CAUTION

In accordance with safety rules, a safety valve calibrated to 7 bar (0.7 MPa) is mounted on the tank's domestic cold water inlet.

- Integrate the safety valve in the cold water circuit.
- Install the safety valve close to the calorifer in a place which is easy to access.

■ Size

- The diameter of the safety unit and its connection to the calorifer must be at least equal to the diameter of the domestic cold water inlet on the calorifer.
- There must be no cut-off element between the valve or the safety unit and the domestic hot water calorifer.
- The outlet pipe in the valve or safety assembly must not be blocked.

To avoid restricting the flow of water in the event of overpressure:

- The discharge pipe from the safety unit must have a continuous and sufficient gradient.
- The cross section of the discharge pipe from the safety unit must be at least equal to the cross section of the opening of the safety unit outlet.

■ Isolating valves

Hydraulically isolate the primary and secondary circuits using stop valves to facilitate maintenance operations on the unit. The valves make it possible to carry out maintenance on the calorifer and its components without draining the entire installation.

These valves are also used to isolate the calorifer unit when conducting a pressurised check on the leak tightness of the installation if the test pressure is greater than the admissible operating pressure.

CAUTION

If the mains pipes are made of copper, fit a sleeve made of steel, cast iron or any other insulating material between the tank's hot water outlet and the pipes to prevent corrosion to the connection.

■ Connecting the domestic cold water

Make the connection to the cold water supply according to the hydraulic installation diagram.

The components used for the connection to the cold water supply must comply with the prevailing standards and regulations in the country concerned.

- Install a water drain in the boiler room and a funnel-siphon for the safety unit.
- Fit a one-way valve to the domestic cold water circuit.

■ Pressure reducer

If the mains pressure exceeds 80% of the calibration of the valve or safety unit (e.g. 8 bar (0,8 MPa) for a safety unit calibrated to 10 bar (1,0 MPa)), a pressure reducer must be installed upstream of the appliance. Install the pressure reducer downstream the water meter in such a way as to ensure the same pressure in all of the installation pipes.

■ Domestic hot water circulation loop

To guarantee the availability of hot water as soon as the taps are turned on, a circulation loop between the draw-off points and the recirculation pipes in the DHW calorifer can be installed. A non-return valve must be included in this loop.

Run the domestic hot water circulation loop via the boiler control system or an additional timer program to optimse energy consumption.

■ Measures to take to prevent hot water flow return

Fit a one-way valve to the domestic cold water circuit.

5 Commissioning

5.1 Protection against legionnella (Only for the 500 L model)

WARNING

It is compusory that DHW calorifers with a capacity of more than 400 litres abide by the Order on "Protection against legionella" (Other countries: Abide by prevailing regulations)

Apply one of these 2 instructions:

- The domestic hot water must at be at a temperature of more than or equal to 55°C at the appliance outlet at all times.
- The domestic hot water must be brought up to a minimum temperature for a minimum duration at least once every 24 hours. See table below:

Minimum temperature maintenance time (minutes)	Water temperature (°C)
2	more than or equal to 70
4	65
60	60

5.2 Putting the appliance into operation

CAUTION

Initial commissioning must be done by a qualified professional.

1. Flush the domestic circuit and fill the calorifer through the cold water inlet tube.
2. Open a hot water tap.
3. Completely fill the domestic hot water calorifer via the cold water inlet pipe, leaving the hot water valve open.
4. Close the hot water valve when the water flow is regular, without noise in the pipes.
5. Degas all DHW pipes by repeating steps 2 to 4 for each hot water tap.

Carefully degas the DHW tank and the distribution network in order to eliminate noises and hammering caused by trapped air moving in the pipes during draw-off.

6. Vent the tank exchanger circuit using the bleed valve provided for this purpose.

7. Check the safety devices (particularly the valve or safety unit), referring to the instructions provided with these components.

CAUTION

During the heating process, a certain amount of water may flow through the valve or safety unit, this is caused by water expansion. This phenomenon is completely normal and must in no event be hindered.

5.3 Drinking water quality

In regions where the water is very hard (TH > 20 °f), we recommend fitting a softener.
The hardness of the water must always be between 12 °f and 20 °f to be capable of providing effective protection against corrosion.
The softener does not bring about derogation of our warranty, provided that the softener is:
- approved and set in accordance with the codes of practice and the recommendations given in the instruction manual for the softener
- regularly inspected
- regularly serviced

6 Checking and maintenance

6.1 General instructions

CAUTION

- Maintenance operations must be done by a qualified engineer.
- Only original spare parts must be used.

6.2 Safety valve or safety unit

The safety valve or unit on the domestic cold water inlet must be operated at least **once a month** to ensure proper operating and to prevent from any overpressure which may that may damage the domestic hot water calorifier.

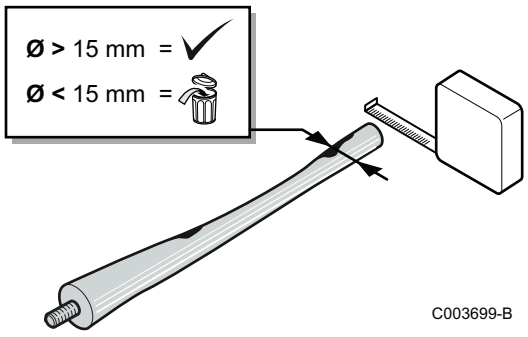
WARNING

Failure to abide by this maintenance rule may damage the domestic hot water calorifier and void its warranty.

6.3 Cleaning the casing material

Clean the outside of appliances using a damp cloth and a mild detergent.

6.4 Checking the magnesium anode



The magnesium anode must be checked at least every 2 years. After the first check, determine the frequency of future checks on the basis of anode wear.

1. Remove the inspection hatches.
   See chapter: "Removing the inspection hatches", page 24.

   Descale the calorifier if necessary.
2. Measure the diameter of the anode.
   Replace the anode if its diameter is less than 15 mm.
3. Reassemble the anode/inspection hatch unit.
   See chapter: "Remounting the inspection hatches", page 25.

6.5 Descaling

In regions with hard water, annual descaling of the appliance is recommended in order to maintain its performance.

1. Remove the inspection hatches.
   See chapter: "Removing the inspection hatches", page 24.

Check the magnesium anode each time the hatch is opened.
See chapter: "Checking the magnesium anode", page 23.

2. Remove limescale deposits in the form of sludge or strips in the bottom of the tank. On the other hand, do not touch limescale adhering to the walls of the tank as it provides effective protection against corrosion and improves the insulation of the DHW calorifier.
3. Remove limescale deposits from the exchanger to guarantee its performance.
4. Fit the unit together.
   See chapter: "Remounting the inspection hatches", page 25.

6.6 Removing and remounting the inspection hatches

WARNING

Have a lip gasket and a retainer ring on hand for the inspection hatch.

6.6.1. Removing the inspection hatches

1. Turn off the domestic cold water inlet.
2. Drain the calorifier.

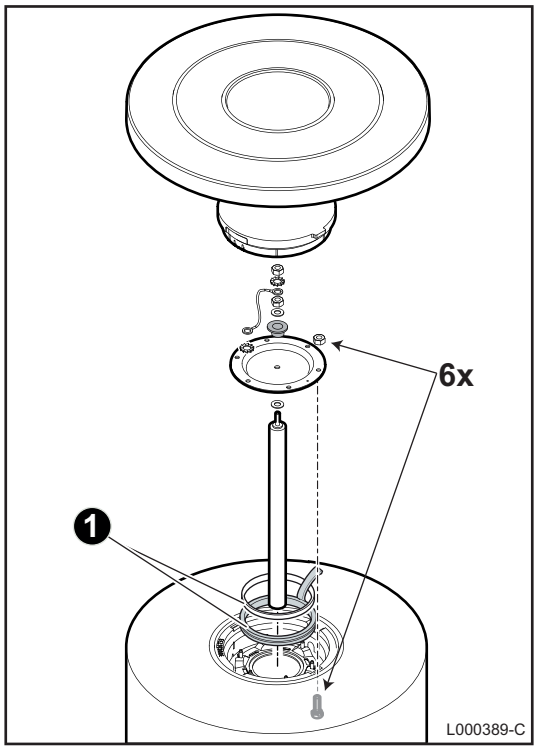
The domestic cold water inlet is also the drain opening.

3. Remove the inspection hatches.

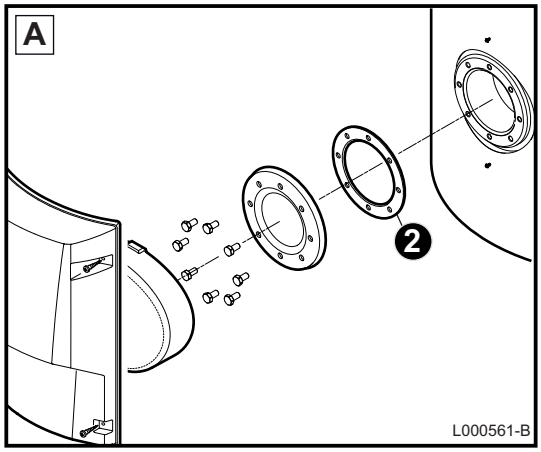
6.6.2. Remounting the inspection hatches

CAUTION

To ensure tightness, the lip gasket + retainer ring unit must be replaced by new parts each time the unit is opened.

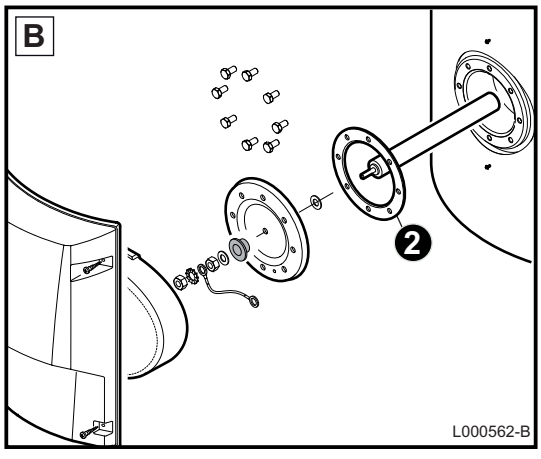


1. Replace the lip gasket + retainer ring unit and place it in the inspection opening, taking care to position the tab on the lip gasket outside the domestic hot water calorifier.



2. Replace the sheet gasket.

A	Side trap without anode
B	Side trap with anode



3. Fit the unit together.

CAUTION

Use a torque wrench.

Torque applied to the anode: 8 N·m.
The flange mounting bolts must not be excessively tight.

Flange	Torque load
Lip gasket	6 N·m +1/-0
Sheet gasket	15 N·m

Approximately 6 N·m is obtained by manipulating the box spanner with the small lever and 15 N·m by manipulating it with the large lever.

4. After reassembly, check the watertightness of the lateral flange.
5. Switch on.
See chapter: "Putting the appliance into operation", page 21

6.7 Maintenance form

No.	Date	Checks made	Remarks	By	Signature

7 Spare parts

7.1 General

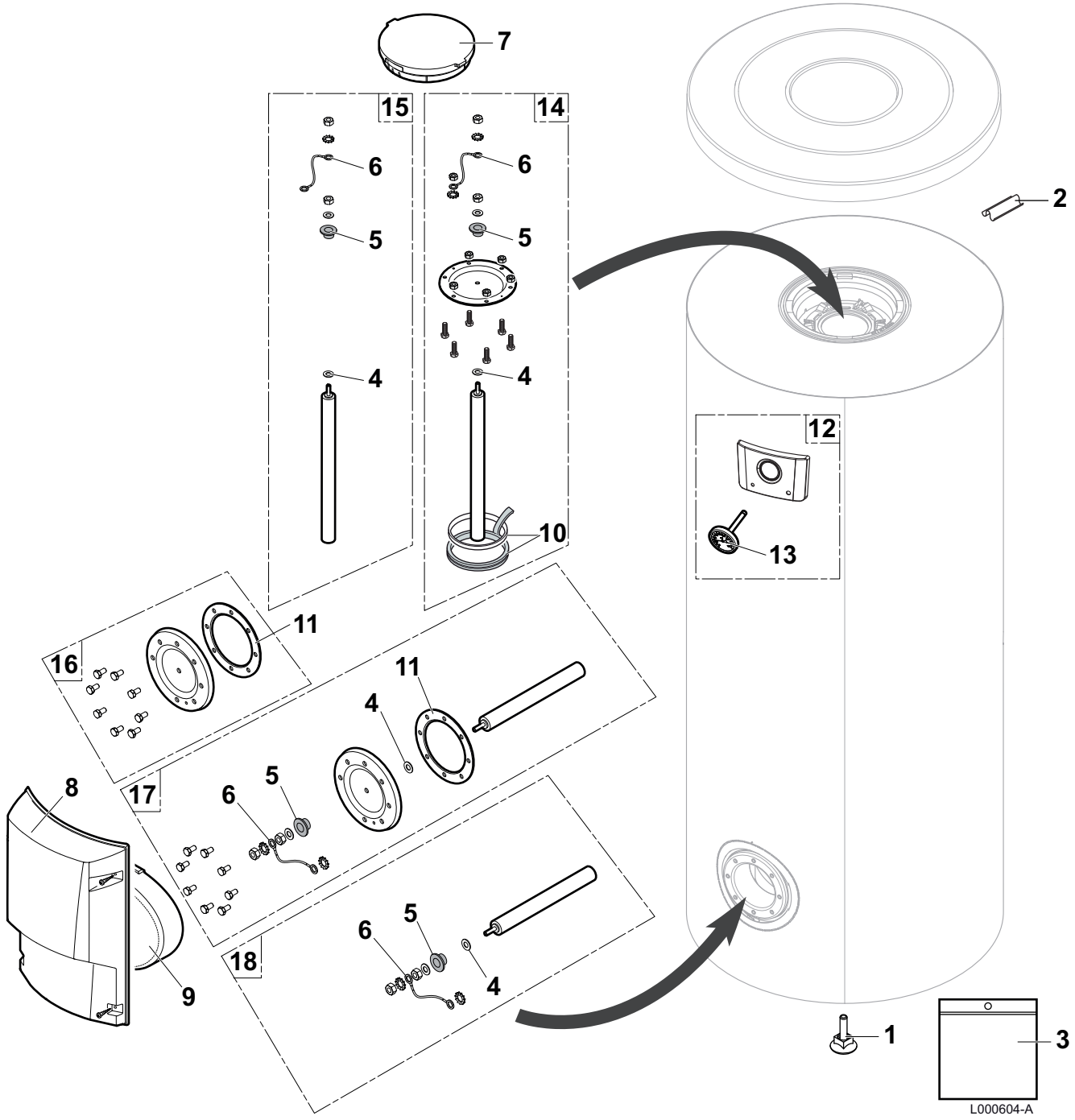
When it is observed subsequent to inspection or maintenance work that a component in the appliance needs to be replaced, use only original spare parts or recommended spare parts and equipment.

Send the component to be replaced to your supplier's Returned Goods Department if the component in queston is under warranty (see general terms and conditions of sale and delivery).

Always ensure that your return package is accompanied by the completed return form, see attached example. In this way, your supplier can fulfil his warranty obligations more easily and more effectively.

Customer						
Reference		Date				
Name						
Address						
Town/Postcode						
Telephone						
Contact person						
Order number						
Code no.	**Description**	**Serial number**(1)	**Type**	**Installation date**	**Reason for the exchange**	**Reference**
(1) This information can be found on the rating plate.						

7.2 Domestic hot water tanks



Markers	Reference	Description	BP 150-2	BP 200-2	BP 300-2	BP 400-2	BP 500-2
1	97860646	Adjustable foot M10 x 35	x	x	x	x	x
2	95365613	Contact spring for pocket	x	x	x	x	x
3	200021501	Inspection trap screws	x	x	x	x	x
4	95014035	Seal ø 35 x 8.5 x 2	x	x	x	x	x
5	94974527	Nylon brace	x	x	x	x	x
6	89604901	Anode earthing wire	x	x	x	x	x
7	300026745	Insulation, buffer tank	x	x	x	x	x
8	300026736	Side cover	x	x	x	x	x

Markers	Reference	Description	BP 150-2	BP 200-2	BP 300-2	BP 400-2	BP 500-2
9	300026876	Insulation side inspection trap	x	x	x	x	x
10	89705511	7 mm gasket + 5 mm retainer ring	x	x	x	x	x
11	300026031	Sheet gasket	x	x	x	x	x
12	200021822	Side cover + Thermometer	x	x	x	x	x
13	300011041	Thermometer AFRISO	x	x	x	x	x
14	89555506	Complete top inspection trap with anode and gasket	x				
14	89555501	Complete top inspection trap with anode and gasket		x			
14	200022433	Complete top inspection trap with anode and gasket			x		
14	200007273	Complete top inspection trap with anode and gasket				x	
14	200022536	Complete top inspection trap with anode and gasket					x
15	89608950	Complete anode diameter 33 mm - length 420 mm (1x) - For top trap	x				
15	89588912	Complete anode diameter 33 mm - length 290 mm (1x) - For top trap		x			
15	89708901	Complete anode diameter 33 mm - length 330 mm (1x) - For top trap			x		
15	89628562	Complete anode diameter 33 mm - length 450 mm (1x) - For top trap				x	
15	200022500	Complete anode diameter 33 mm - length 530 mm (1x) - For top trap					x
16	200021970	Complete lateral cover with gaskets and screws	x				
17	200022439	Complete side trap with anode, gaskets and screws		x			
17	200021971	Complete side trap with anode, gaskets and screws			x	x	
17	200022441	Complete side trap with anode, gaskets and screws					x
18	89538509	Complete anode diameter 33 mm - length 180 mm (1x) - For side trap		x			
18	89708901	Complete anode diameter 33 mm - length 330 mm (1x) - For side trap			x	x	
18	89608950	Complete anode diameter 33 mm - length 420 mm (1x) - For side trap					x

8 Warranty

8.1 General

You have just purchased one of our appliances and we thank you for the trust you have placed in our products.

Please note that your appliance will provide good service for a longer period of time if it is regularly checked and maintained.

Your installer and our customer support network are at your disposal at all times.

8.2 Warranty terms

The following provisions are not exclusive of the buyer being able benefit from the legal provisions applicable regarding hidden defects in the buyer's country.

Starting from the purchase date shown on the original installer's invoice, your appliance has a contractual guarantee against any manufacturing defect.

The length of the guarantee is mentioned in the price catalogue. The manufacturer is not liable for any improper use of the appliance or failure to maintain or install the unit correctly (the user shall take care to ensure that the system is installed by a qualified engineer).

In particular, the manufacturer shall not be held responsible for any damage, loss or injury caused by installations which do not comply with the following:

- applicable local laws and regulations,
- specific requirements relating to the installation, such as national and/or local regulations,
- the manufacturer's instructions, in particular those relating to the regular maintenance of the unit,
- the rules of the profession.

The warranty is limited to the exchange or repair of such parts as have been recognised to be faulty by our technical department and does not cover labour, travel and carriage costs.

The warranty shall not apply to the replacement or repair of parts damaged by normal wear and tear, negligence, repairs by unqualified parties, faulty or insufficient monitoring and maintenance, faulty power supply or the use of unsuitable fuel.

Sub-assemblies such as motors, pumps, electric valves etc. are guaranteed only if they have never been dismantled.

The legislation laid down by european directive 99/44/EEC, transposed by legislative decree No. 24 of 2 February 2002 published in O.J. No. 57 of 8 March 2002, continues to apply.

Appendix

Information on the ecodesign and energy labelling directives

Contents

1 Specific information

1.1 Recommendations

Note
Only qualified persons are authorised to assemble, install and maintain the installation.

1.2 Ecodesign Directive

This product conforms to the requirements of European Directive 2009/125/EC on the ecodesign of energy-related products.

1.3 Technical data - Hot water storage tank

Tab.1 Technical parameters for hot water storage tank

Product name			BP 150–2	BP 200–2	BP 300–2	BP 400–2	BP 500–2
Storage volume	V	l	145	195	290	385	485
Standing loss	S	W	46	54	67	83	92

1.4 Disposal and Recycling

Note
Removal and disposal of the domestic hot water tank must be carried out by a qualified installer in accordance with local and national regulations.

1. Cut the electricity to the domestic hot water tank.
2. Disconnect the cables on the electrical components.
3. Close the domestic water inlet valve.
4. Drain the installation.
5. Dismantle all water connections fitted to the domestic hot water tank outlet.
6. Scrap and recycle the domestic hot water tank in accordance with local and national regulations.

1.5 Product fiche - Hot water storage tanks

Tab.2 Product fiche for hot water storage tanks

Brand name - Product name		BP 150–2	BP 200–2	BP 300–2	BP 400–2	BP 500–2
Energy efficiency class		B	B	B	C	C
Standing loss	W	46	54	67	83	92
Storage volume	l	145	195	290	385	485

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