

User Manual



Flushing pump **FLUSH - 40**

only those who are thoroughly familiar with the operating instructions are allowed to operate the pump.

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Any use of the device other than the intended use is a foreseeable misuse of the device.

List of abbreviations and symbols

Warning!



The symbol "danger" used for cautions that, if not observed, may cause danger to life or health from the electrical system. The power cord of the pump must be disconnected from the electrical supply before proceeding with operations marked with this symbol.

Warning!



The "danger" symbol used for notices that, if not followed, may cause danger to life or health.



Failure to follow the rules in this manual will result in a risk of explosion or ignition.

Attention!



Symbol used for cautions that, if not followed, may cause a risk of damage to the device and danger to life or health. Before installing and operating the product, please read this installation and operation manual carefully to avoid unnecessary losses.

Attention!



The user's manual is a fundamental element of the purchase-sale contract. Failure by the user to observe the recommendations contained in the user's manual constitutes non-compliance with the contract and excludes any claims arising from a possible failure of the device as a result of non-compliant use.

The manufacturer is not responsible for malfunctions of the device if it has been improperly connected, damaged, modified and/or used for a purpose that is not within the scope of recommended work or not in accordance with the indications in this manual. The manufacturer is also not responsible for possible errors in the manual caused by printing or copying errors. The manufacturer reserves the right to make any modifications to the product which it may deem necessary and useful, and which do not affect its basic characteristics.

DAMBAT is not responsible for damage to the device, property, or injury to persons as a result of failure to follow the recommendations contained in the manual, including improper selection of the device, installation inconsistent with the instructions, with applicable standards and national regulations, improper maintenance of the device and the entire system.

This equipment is not intended for use by persons (including children) whose physical, sensory, mental abilities or lack of experience and knowledge prevent the safe use of the device without supervision, or instructions.

Table of contents

This device must be installed in accordance with the technical guidelines.

The operator is solely responsible for:



- Proper installation,
- Preventing risks caused by improper handling.



The pump is designed for:

- Working at 220-240 V / 50 Hz AC,

The following types of operations are prohibited:



- Pumping water with acid content, as well as fluids that cause excessive corrosion,
- Pumping water exceeding 35°C (up to 60 min 50°C)
- The pumping of flammable and/or explosive media (e.g., gasoline, paraffin, thinners, oil, fuel oil or foodstuffs),
- Dry work.



The pump is not suitable for pumping corrosive, flammable, destructive or explosive substances (e.g. gasoline, nitro, petroleum, etc.), food products, salt water. The operation of the pump in such water will lead to damage to rubber components such as seals, and as a result, the pump will unseal and the engine will fail. Failures caused by pumping such liquids are not subject to warranty repairs.



Pumped water must not contain long-fibered debris, for which the longest dimension is greater than the macro diameter of the debris specified in the technical data for the pump type.



Before starting work, please read the instruction manual carefully and follow its recommendations, otherwise there may be danger to health, life, environmental damage or damage to the device. Trouble-free and correct operation mainly depends on the selection of the device to the prevailing conditions and adherence to the recommendations contained in the operating instructions. Failure to follow the recommendations of the user's manual may result in non-recognition of the warranty, as well as in the case of any structural changes to the equipment or changes that may affect the trouble-free operation of the device. In addition, common health and safety regulations must be adhered to.

NOTE!



The person who will perform installation, adjustment, use, maintenance and dismantling must have the appropriate qualifications, both mechanical and electrical.

List of abbreviations and symbols

CAUTION: Any work on the pump can be carried out only after disconnecting the electrical power supply.

NOTE The user must strictly comply with the country's accident prevention measures.



During repair work, unplug the pump from the power outlet. Any repair, installation or modification work performed on the pump and any of its components that have live parts can cause serious injury to persons or even death.



The pump is not equipped with dry-run protection.

Protective measures



At the installation site, the electricity source should be protected by a residual current circuit breaker (30 mA).



The user may not, on his own initiative, modify any parts or the system in any way not provided for in the operating and installation instructions.

Safety electrical



DANGER! Cardiac arrest! This product generates an electromagnetic field during operation. This field can interfere with the active or passive operation of medical implants under certain conditions. To reduce the risk of conditions that could potentially injure or kill you, we recommend that you speak with medical implants, your doctor and the medical implant manufacturer before working with the product.



When using extension cords, make sure that they meet the conditions of the following table:

Voltage	Cable length	Cross section
230-240 V / 50 Hz	Up to 20 m	1.0 mm ²
230-240 V / 50 Hz	20-50 m	2.5 mm ²

Protective measures



With the power plug cut off, moisture can enter electrical parts through the power cord and cause a short circuit.

- Never cut the mains plug (e.g., to go over a wall).
- Do not use the power cord to disconnect.
- If the power cord is damaged, it must be replaced by the manufacturer, a service representative or a similarly qualified person to avoid d a n g e r .



The power plug and extension connectors must be protected from water splashes. Make sure electrical connections for plugs and outlets are made in areas protected from flooding.



Protect the power plug and power cord from heat, oil and sharp edges.



Observe the mains voltage. The information on the nameplate must m a t c h the mains.



CAUTION: The pump must not be operated when the voltage drops below 210 V, due to possible overload and destruction of the pump motor.



A 230 V/50 Hz power supply with grounding should be provided to the pump. The electrical network from which the pump is to be supplied should be rated as indicated on the pump nameplate. The pump plug must be connected to an outlet with active grounding. The manufacturer and the guarantor are r e l i e v e d of any liability for damage to people or property resulting from the lack of proper grounding. The yellow-green wire of the c o n n e c t i o n cable is grounded.



The electrical network supplying the pump should be equipped with an installation, overcurrent-motor circuit breaker, such as M611 to protect the motor from overload. In order for the switch to effectively protect the motor from overload, it should be set to the winding current given in the data on the nameplate.

The pump can operate without such protection, but in the event of failure due to overload, the cost of repair is borne by the user.



The electrical system supplying the pump should be equipped with a differential-current circuit breaker with a rated tripping current ΔI_n of not more than 30 mA. The manufacturer and the guarantor are relieved of any liability for damage to people or property resulting from the power supply of the pump without a suitable circuit breaker.



If the insulation of the power cable or the insulation of the float cable is damaged, it is forbidden to use the pump. In such a situation, contact the guarantor to replace the cable. Mechanical damage is not subject to warranty repairs, free of charge. Use of the pump with damaged cable insulation will, at best, lead to flooding of the motor with water, at worst, may lead to electric shock.



The pump must not be used when the voltage drops below 210 V. Use of the pump in such conditions will lead to overloading of the motor and its failure. In this case, repair will be possible only in a paid mode.



Always visually inspect the pump before use (especially the intake hoses and power connections).



Do not use a damaged pump. In case of damage and repair, the pump must be checked by IBO service.



Before using after maintenance, make sure that all parts are bolted together. It is acceptable to use our pumps with a generator, strictly following the generator manufacturer's recommendations.

Security personal

- Small parts can be easily swallowed. There is also a risk that the bag can suffocate small children. Keep small children away when assembling the product.
- Do not let the pump run for more than 10 minutes with the pressure side closed.
- Wait for the pump to cool down before troubleshooting.
- The manufacturer shall not assume any financial liability resulting from improper installation or operation.

Children are not allowed to play with the product. It is forbidden to perform maintenance and cleaning of the device by children. Use of this product by young persons under 16 years of age is not recommended. Never use the product when you are tired, ill or under the influence of alcohol, drugs or medication.

Risk of injury



Accidental activation of the product may cause injury. Disconnect the unit from the mains before installation.

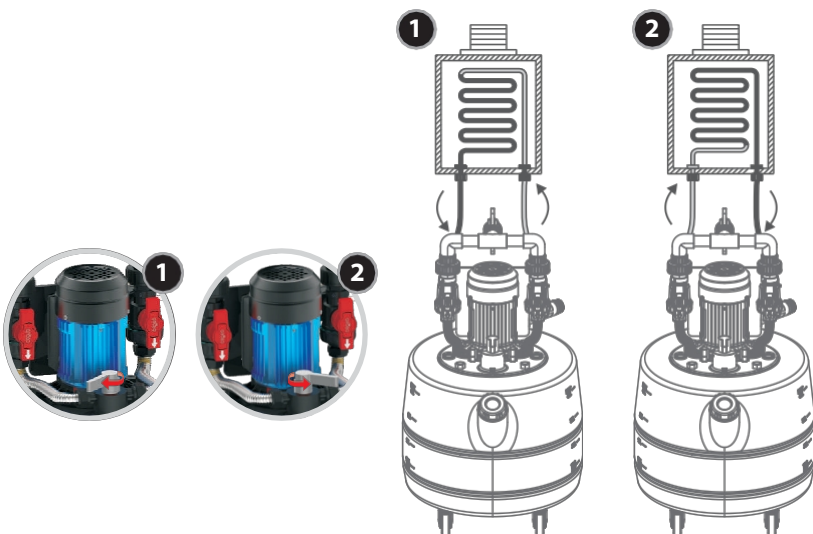
description

Flush 40 is a pump for flushing and descaling heating systems. Vertical axis pump with tank and on/off valves for washing and flushing of small installations or parts of large installations, using special non-acidic flushing chemicals. The pump is equipped with a flow reverser (reverse) and special connections with valves for regulating flows and removing sludge formed during operation.

In heating systems, after a certain period of time due to high temperatures, minerals present in the water precipitate in the form of microcrystals and settle on the metal surfaces of pipes, coils and heat exchangers, thus reducing the flow rate and thermal efficiency. To restore the original efficiency of the system, flushing/decalcification must be carried out with appropriate chemicals. Thanks to a device that reverses the flow of the chemical, the pump flushes out the scale from both sides, making decalcification particularly effective, even when the pipes and exchangers are almost completely clogged.

Below are the main deposits that can be removed with the pump:

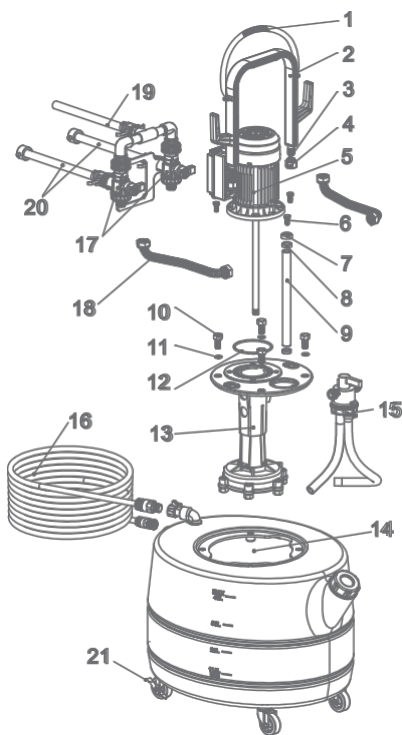
- Calcium and silica deposits.
- Oxides of iron and/or manganese.
- Iron bacteria and/or sulfate-reducing bacteria.
- Organic substances



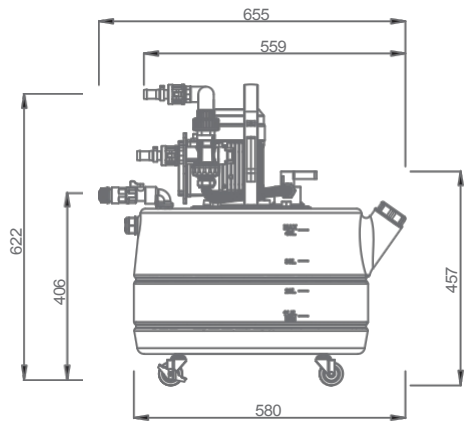
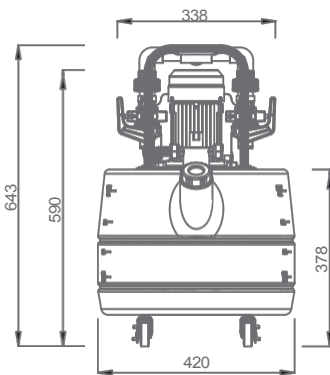
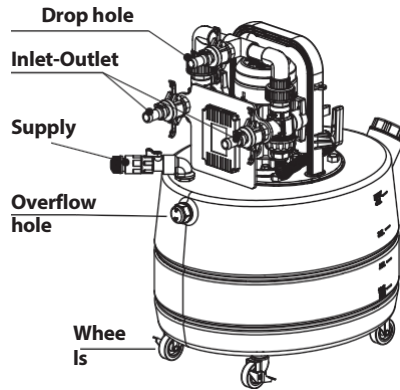
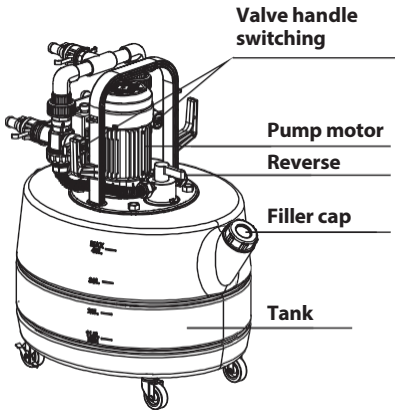
Basic data technical

Model	FLUSH 40
Dimensions	420 x 665 mm
Maximum working pressure	2 Bar / 0.2 Mpa
Maximum liquid temperature	35°C (50°F)
Maximum flow	70 l/min
Degree of protection	IP54
Tank capacity	40 L
Engine power	370 W

1.	Strap
2.	Handle
3.	Seal
4.	Cap
5.	Engine
6.	Screw
7.	Shaft seal
8.	Sealing ring
9.	Sealing sleeve
10.	Screw
11.	Sealing ring
12.	Seal
13.	Body
14.	Tank
15.	Diverter valve / reverse
16.	Power hose (1 x 4m)
17.	Dump / circulation switch
18.	Circulation hose (2 x 4m)
19.	Drain hose (1 x 8m)
20.	Ball valve
21.	Casters / lock



Technical data



Sample procedure for operating device:

1. Pour the descaling/flushing liquid into the tank. Mix the chemical products suitable for descaling. Then select decalcifying agents suitable for the installation, dilute them with water according to the information on the container. Fill the tank with decalcifying agent and enough water so that the pump housing is constantly under water during operation.



2. The pump is designed to carry out cold rinses, and at temperatures above 35°C, it can operate for a maximum of 60 minutes. In any case, the temperature of the solution must not exceed 50°C! Disconnect the water supply/drain from the device.

3. Connect one end of the hose to the discharge port, the other end to the water supply. Connect the plug of the power cord to a single-phase 230-volt power outlet.

4. Open the tank closure.

5. During operation, the closure of the tank should be left open so that the gases that occur during decalcification can escape, and the foam level should be controlled so that it does not exceed the maximum filling level.

6. **NOTE:** During the decalcification process, control the thickness of the foam layer that forms inside and make sure that the maximum filling level is not exceeded!



7. The pump is equipped with a flow reverser, which allows the removal of calcium deposits from both inputs of the circuit. To do this, the flow reversal switch must be operated periodically.

8. The decalcification process is complete when no bubbles form in the return hose and the solution is still acidic.



9. **CAUTION:** do not leave the decalcification solution in the tank after decalcification! To remove the solution, loosen the inlet and outlet cap and wait until the liquid flows out completely. Be careful in handling the residual acid to avoid damage to the substrate or other surfaces.

10. After the descaling process is complete, the line should be rinsed with a neutralizing agent.

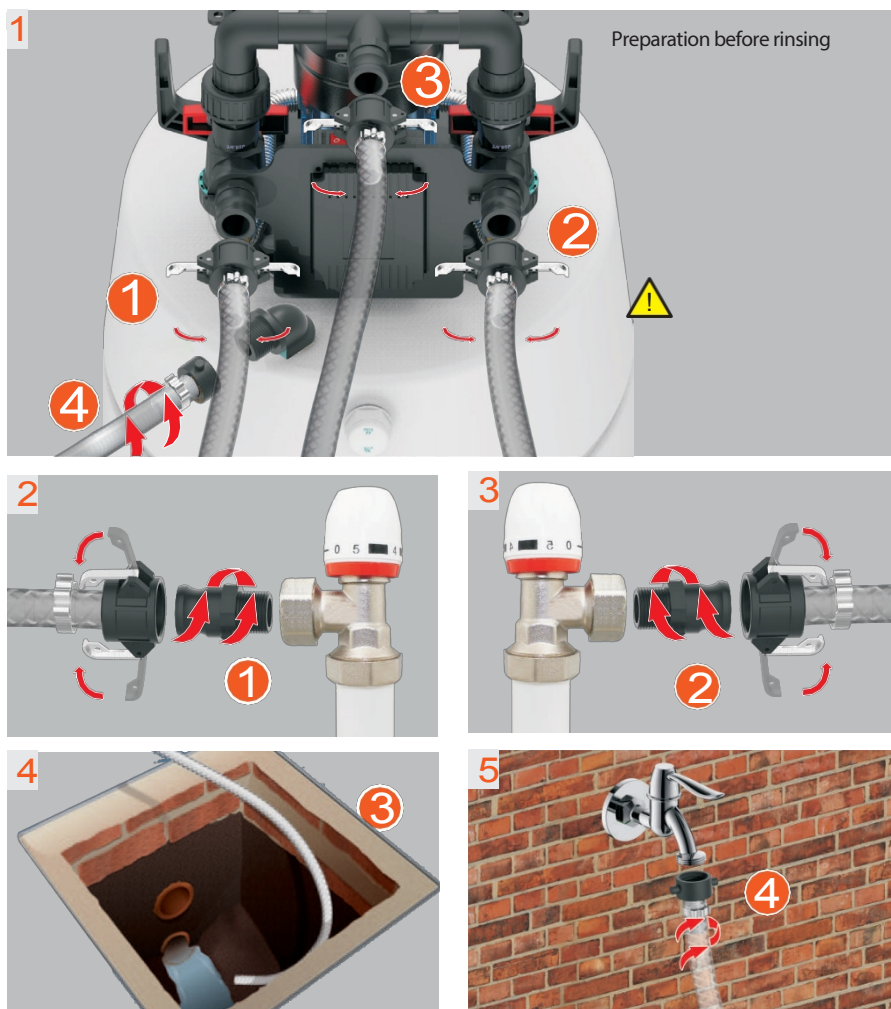
Flushing installations:

- Pour the neutralizing agent into the empty pump tank, dilute with water (according to the information on the canister of the agent).
- Connect the hoses as before. Start the pump and let the solution circulate for a few minutes. Feed the system with water and rinse with clean water (30 to 40 liters) to remove any residual agent.
- **Important!** If the pump is not in use for a long time, it is necessary to rinse it with water.



Caution: the tank must constantly remain emptied and cleaned to avoid damage to the engine!

Procedure



1. Connect the circulation hoses, the discharge hose, the water supply hose to the indicated holes of the rinse pump.
2. Disconnect the safety valve on the radiator and connect the other side of the circulation hose 1 to it.
3. Disconnect another safety valve on the radiator and connect the other side of the circulation hose to it 2.
4. Insert the other side of the discharge hose 3 into the sewer.
5. Connect the other side of the water supply hose to the tap. (Pour water into the tank between the min. and max. levels).

Note: the flushing pump can be connected through the safety valves on the radiator, the circulation pump or other connectors in the heating system.

STEP 1: Add cleaning agent to clean the entire heating system in one cycle. Total cleaning time is 1-2 hours, depending on the dirtiness of the system.

Radiator cleaning

INSTRUCTIONS

- Open the lid of the tank and pour the cleaning agent into the tank (dosage according to the sticker on the bottle).
- Turn off the water supply.
- Turn the handles of the switching valve to the circulation position (point both arrows down); Turn the switching handle to the left or right; Press the power switch.
- Change the direction of the flow divider every 5-15 minutes and recirculate for 1-2 hours (the actual flushing time depends on the dirtiness of the system).

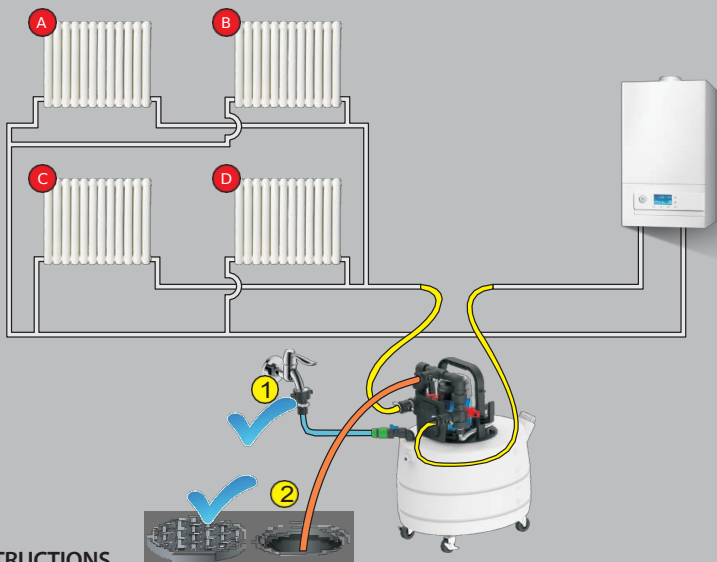
Procedure

15min

1-
2/
h

STEP 2: Replace the dirty water with clean water in the system, circulate for about 20 minutes to drain the dirt.

Radiator cleaning



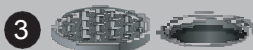
INSTRUCTIONS



Turn on the water supply.



Turn the handles of the diverter valve to the drop position (the two arrows must be in the position shown above).



Snapshot

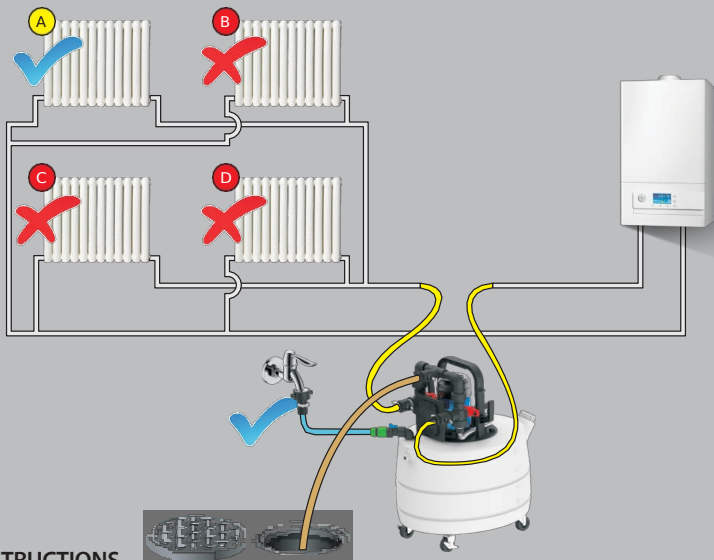


Change the direction of switching the flow every 5 minutes and recirculate for about 20 minutes, (the actual flushing time depends on the quality of the water. Finish when the water comes out clean).

Procedure

STEP 3: Rinse each radiator individually to flush out the dirt.

Radiator cleaning



INSTRUCTIONS

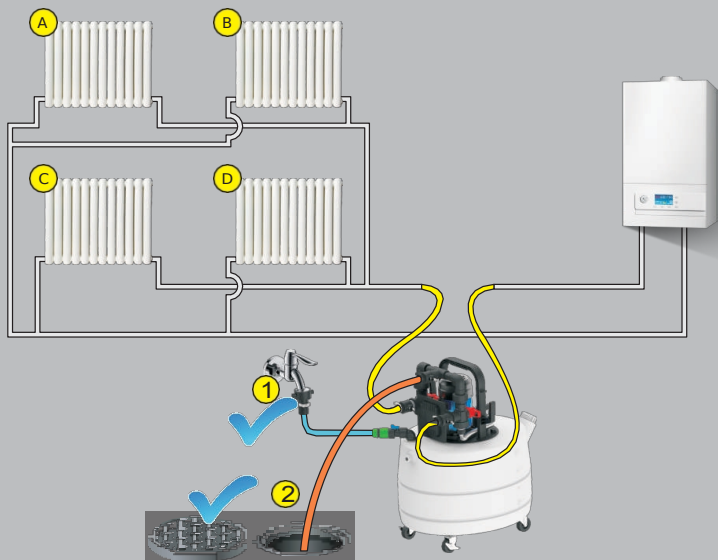
- Open heater A and turn off heaters B/C/D, turn the switch handle to the circulation state, and then flush (change the flush direction every 2minutes, circulate for about 10 minutes).
- Open heater B and turn off heaters A/C/D, turn the switch handle to the circulation state, then flush (change the flush direction every 2minutes, circulate for about 10 minutes).
- Open radiator C and turn off radiators A/B/D, turn the switch handle to the circulation state, then flush (change the flush direction every 2minutes, circulate for about 10 minutes).

Open heater D and turn off heaters A/B/C, turn the switch handle to the circulation state, then flush (change the flush direction every 2minutes, circulate for about 10 minutes).

Procedure

STEP 4: Set all safety valves on radiators to max. Use clean water to flush the system completely.

Radiator cleaning



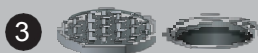
INSTRUCTIONS



Turn on the water supply.



Turn the handles of the diverter valve to the drop position (the two arrows must be in the position shown above).

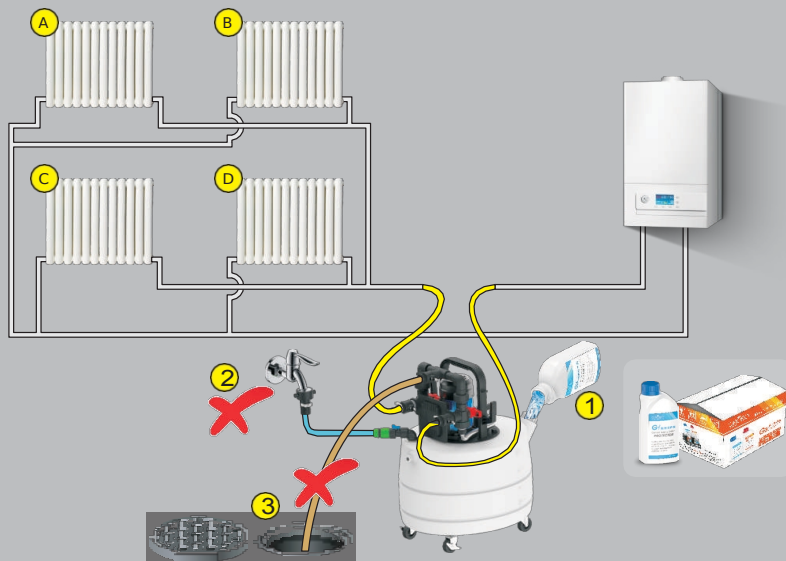


Snapshot



Change the direction of switching the flow every 5 minutes and recirculate for about 20 minutes , (the actual flushing time depends on the quality of the water. Finish when the water comes out clean).

Radiator cleaning



1

2 

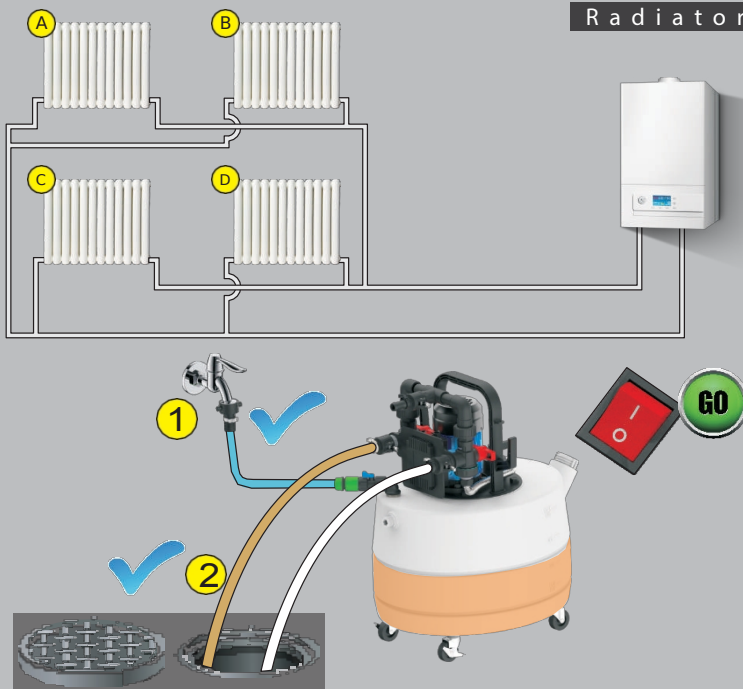
[illegible]

Change the direction of the flow divider every 5 minutes and recirculate for 20 minutes.

Procedure

STEP 6: Reconnect the system, then clean the flushing pump.

Radiator cleaning



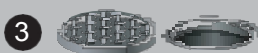
INSTRUCTIONS



Turn on the water supply.



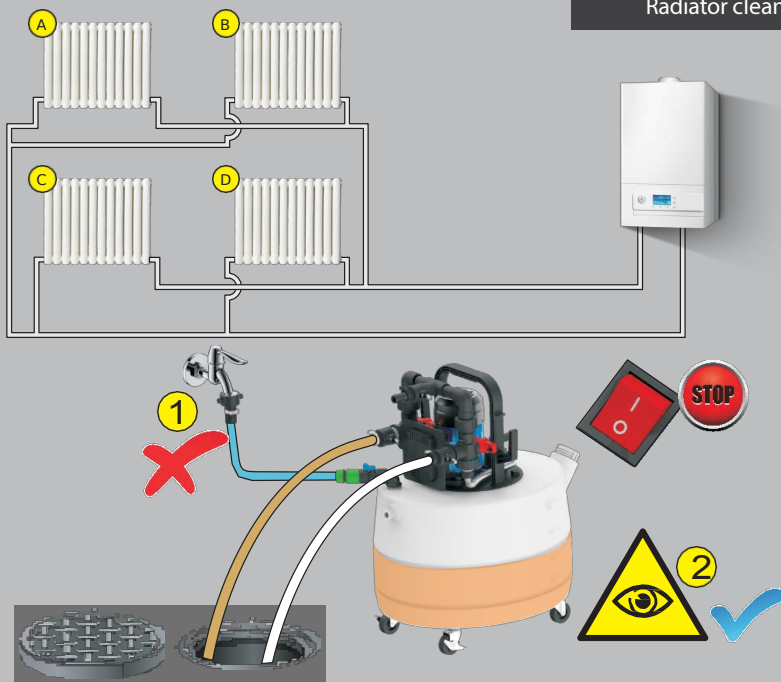
Turn the handles of the diverter valve to the circulation state; press the power switch to clear the pump (note: water dropped from the circulation hoses here).



Snapshot.

STEP 7: Clean the flushing pump.

Radiator cleaning



INSTRUCTIONS



Turn off the water supply.

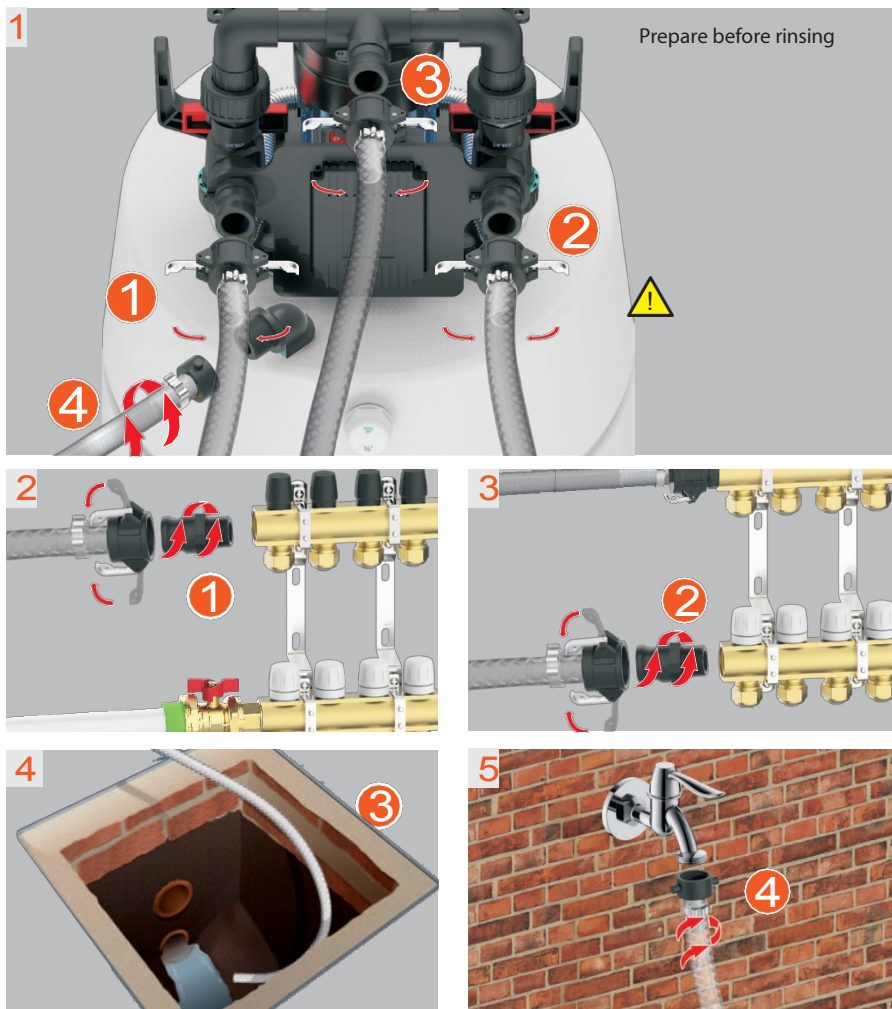


Check that the tank is almost empty, then press the power switch. Pour out the remaining water from the tank.



Turn the handles of the switching valve to the closed position.

Procedure



1. Connect the circulation hoses, the discharge hose, the water supply hose to the indicated holes of the rinse pump;
2. Disconnect the safety valve on the radiator and connect the other side of the circulation hose 1 to it.
3. Disconnect another safety valve on the radiator and connect the other side of the circulation hose to it 2.
4. Insert the other side of the discharge hose 3 into the sewer.
5. Connect the other side of the water supply hose to the tap.
(Pour water into the tank between the min. and max. levels).

Note: the flushing pump can be connected through the safety valves on the radiator, the circulation pump or other connectors in the heating system.

STEP 1: Add detergent to flush the entire system.

The total cleaning time is 1-2 hours, depending on the dirtiness of the system.

Cleaning the heating system

1 Max
Min

2

3

INSTRUCTIONS

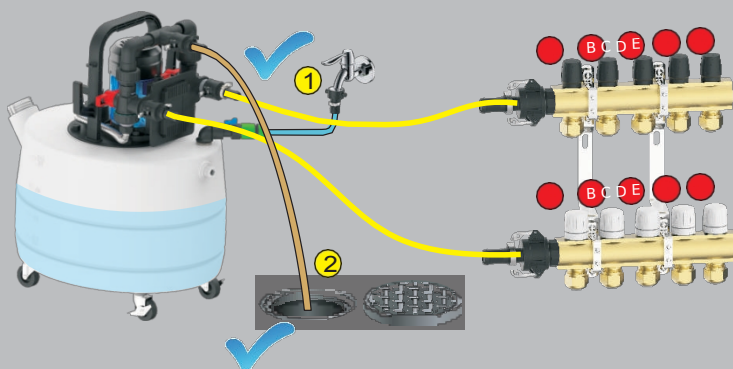
1. Turn off the water supply.

2. Turn the handles of the switching valve to the circulation position (point both arrows downward); Turn the switching handle to the left or right; press the power switch;

3. Change the direction of the flow divider every 5-15 minutes and recirculate for 1-2 hours (the actual flushing time depends on the dirtiness of the system).

STEP 2: Replace the dirty water with clean water in the system, circulate for about 20 minutes to drain the dirt.

Cleaning the heating system



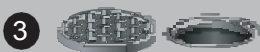
INSTRUCTIONS



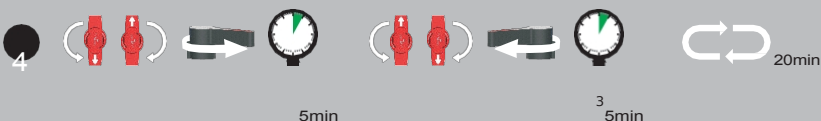
Turn on the water supply.



Turn the handles of the switching valve to the drop position (the two arrows must be in the position shown above).



Snapshot.

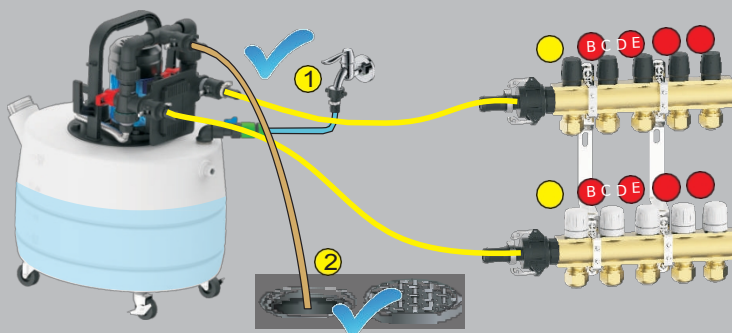


Change the direction of switching the flow every 5 minutes and recirculate for about 20 minutes, (the actual flushing time depends on the quality of the water. Finish when the water comes out clean).

Procedure

STEP 3: Rinse each radiator individually to flush out the dirt.

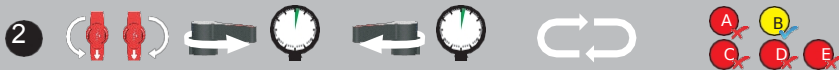
Cleaning the heating system



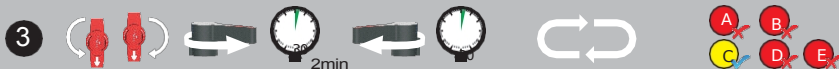
INSTRUCTIONS



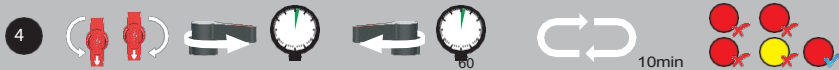
Open circuit A and turn off circuits B/C/D/E, turn the switch handle to the circulation state, then flush (change the flush direction every 2 minutes, circulate about 10minutes).



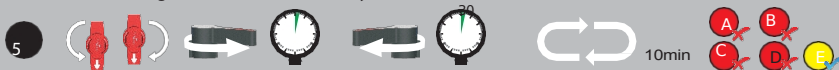
Open circuit B and turn off circuits A/C/D/E, turn the switch handle to the circulation state, then flush (change the flush direction every 2 minutes, circulate about 10minutes), 10min



Open circuit C and turn off circuits A/B/D/E, turn the switch handle to the circulation state, then flush (change the flush direction every 2 minutes, circulate about 10minutes).



Open circuit D and turn off circuits A/B/C/E, turn the switch handle to the circulation state, and then flush (change the flush direction every 2 minutes, circulate about 10minutes).



then flush (change the flush direction every 2 minu

ulate about 10minutes).

A P
E

60
3 15
5 30
2min

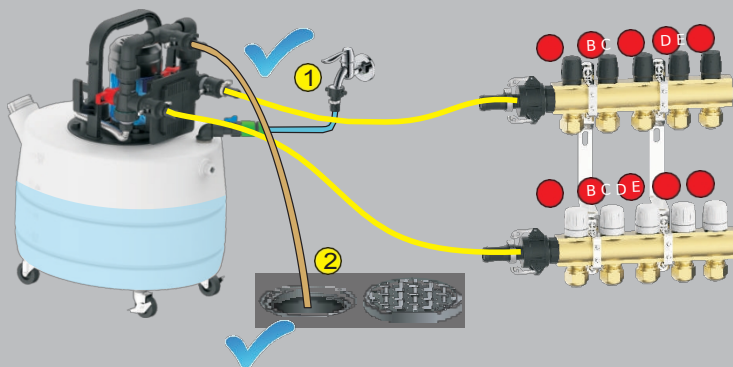
60
35 15
2min

10min

Procedure

STEP 4: Set all safety valves on radiators to max. Use clean water to flush the system completely.

Cleaning the heating system



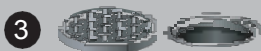
INSTRUCTIONS



Turn on the water supply.



Turn the handles of the diverter valve to the drop position (the two arrows must be in the position shown above).



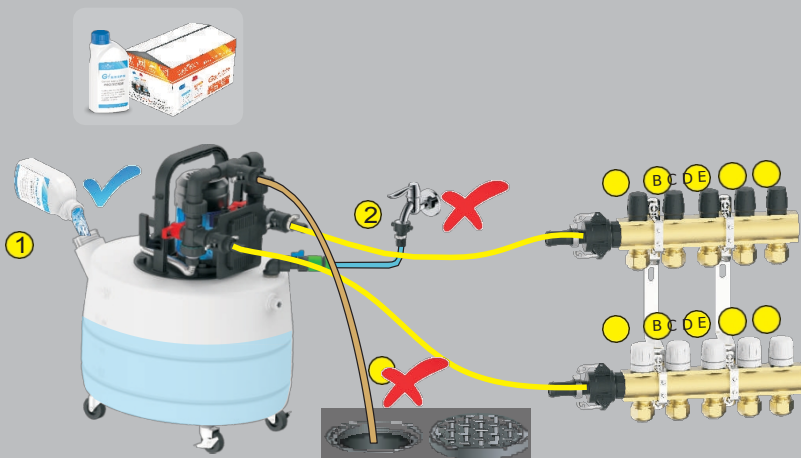
Snapshot.



Change the direction of switching the flow every 5 minutes and recirculate for about 20 minutes, (the actual flushing time depends on the quality of the water. Finish when the water comes out clean)

STEP 5: Add Protector to protect the pipes and equipment in the system.

Cleaning the heating system



INSTRUCTIONS



1 Pour Protector into the tank (dosage according to the sticker on the bottle).



2 Turn off the water supply.



3 Turn the handles of the switching valve to the circulation position (point both arrows down); Turn the switching handle to the left or right; Press the power switch.

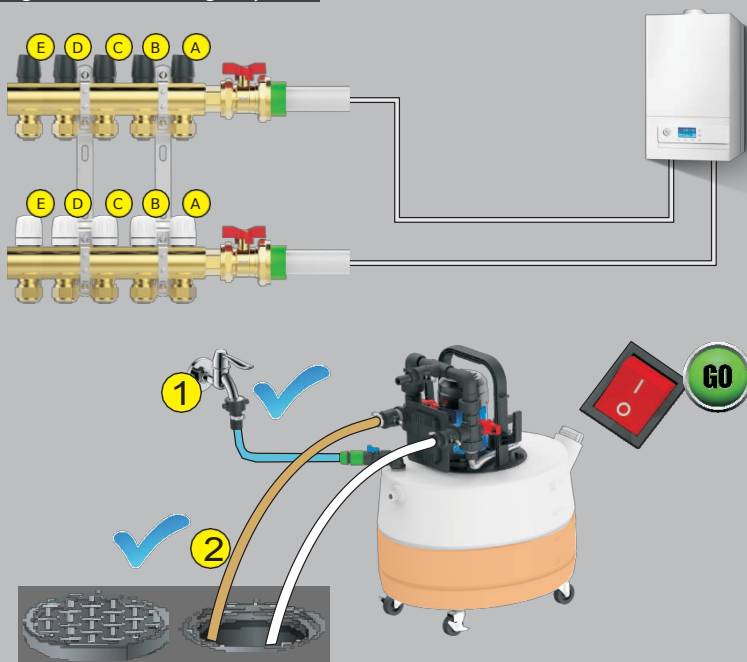


4 Change the direction of the flow divider every 5 minutes and recirculate for 20 minutes.

Procedure

STEP 6: Reconnect the system, then clean the flushing pump.

Cleaning the heating system



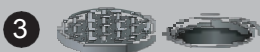
INSTRUCTIONS



Turn on the water supply.



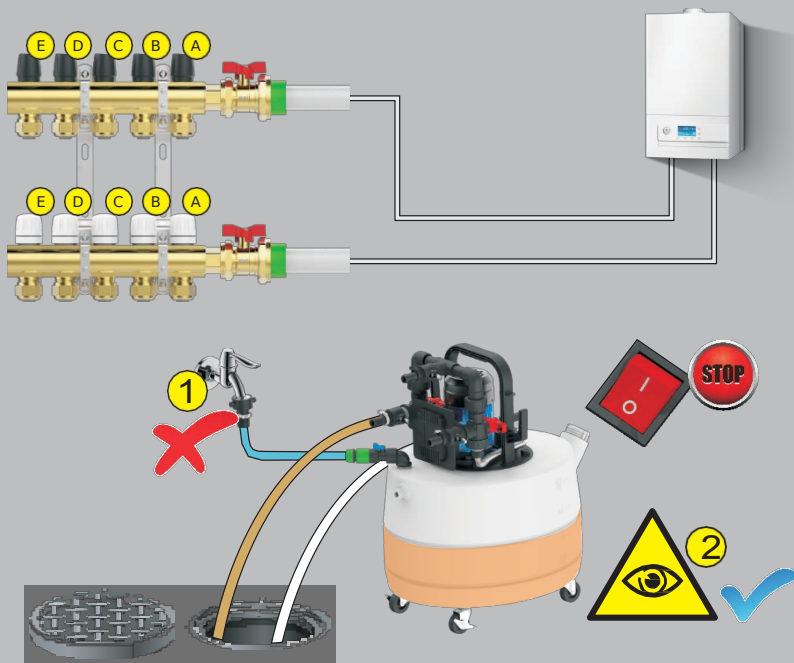
Turn the handles of the diverter valve to the circulation state; press the power switch to clear the pump (note: water dropped from the circulation hoses here).



Snapshot.

STEP 7: Clean the flushing pump.

Cleaning the heating system



INSTRUCTIONS



Turn off the water supply.



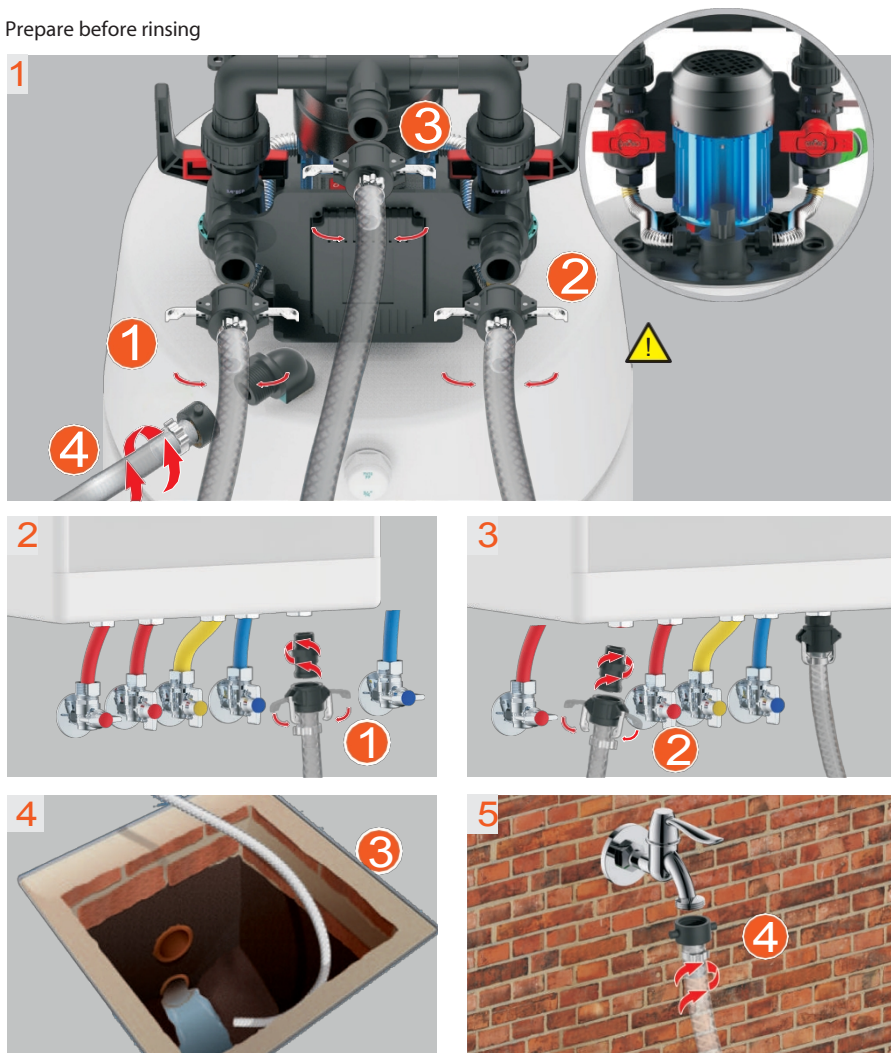
Check that the tank is almost empty, then press the power switch. Pour out the remaining water from the tank.



Turn the handles of the switching valve to the closed position.

Procedure

Prepare before rinsing



1. Connect the circulation hoses, the discharge hose, the water supply hose to the indicated holes of the rinse pump;
 2. Disconnect the safety valve on the radiator and connect the other side of the circulation hose 1 to it.
 3. Disconnect another safety valve on the radiator and connect the other side of the circulation hose to it 2.
 4. Insert the other side of the discharge hose 3 into the sewer.
 5. Connect the other side of the water supply hose to the tap.
- (Pour water into the tank between the min. and max. levels).

Note: the flushing pump can be connected through the safety valves on the radiator, the circulation pump or other connectors in the heating system.

STEP 1: Add detergent to flush the entire system.

The total cleaning time is 1-2 hours, depending on the dirtiness of the system.

Cleaning the
boiler

INSTRUCTIONS

- Open the lid of the tank and pour the cleaning agent into the tank (dosage according to the sticker on the bottle).
- Turn off the water supply.
- Turn the switch valve handles to the circulation position (point both arrows down);
Turn the switch handle to the left or right; Press the power switch.

Change the direction of the flow divider every 5-15 minutes and recirculate for 1-2 hours (the actual flushing time depends on the dirtiness of the system).

Turn the handles of the switching valve to the circulation position (point both arrows down); Turn the switching handle to the left or right ; Press the power switch.

Procedure

PROCEDURE

STEP 2: Replace the dirty water with clean water in the system, circulate for about 20 minutes to drain the dirt.

Cleaning the boiler

INSTRUCTIONS

1



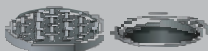
Turn on the water supply.

2



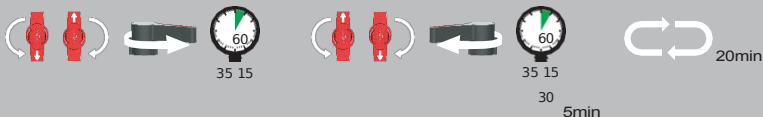
Turn the handles of the diverter valve to the drop position (the two arrows must be in the position shown above).

3



Snapshot.

4

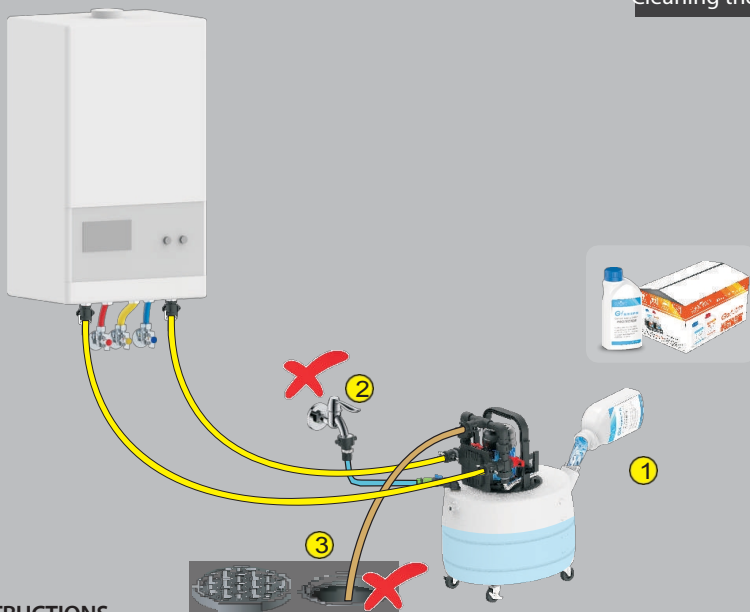


Change the direction of switching the flow every 5 minutes and recirculate for about 20 minutes, (the actual flushing time depends on the quality of the water. Finish when the water comes out clean).

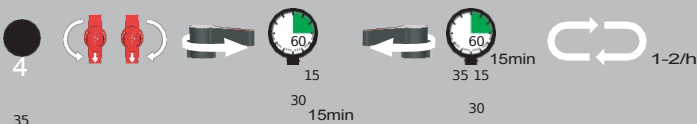
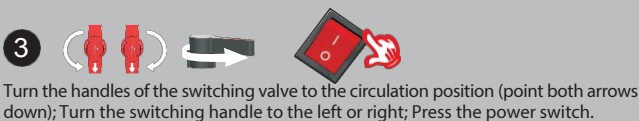
Procedure

STEP 3: Add Protector to protect the pipes and devices in the system.

Cleaning the boiler

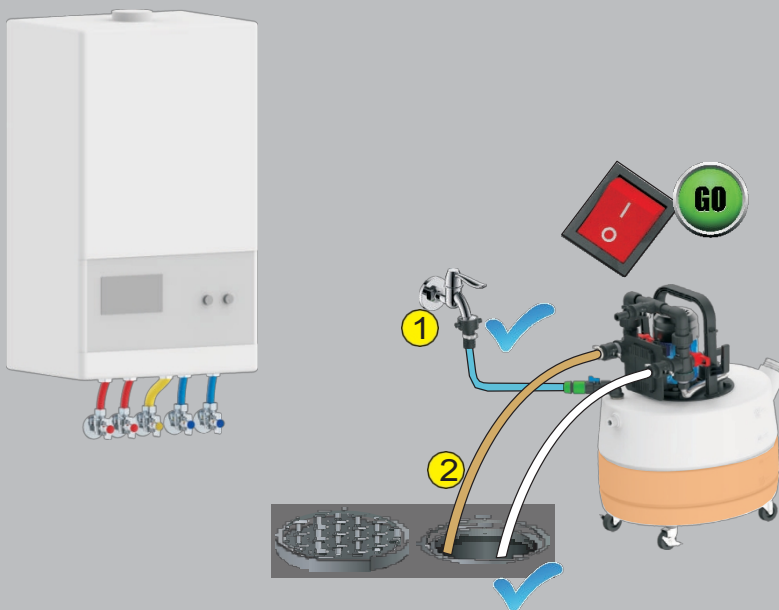


INSTRUCTIONS



STEP 4: Reconnect the system, then clean the flushing pump.

Cleaning the boiler



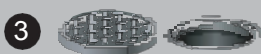
INSTRUCTIONS



Turn on the water supply.



Turn the handles of the diverter valve to the circulation state; press the power switch to clear the pump (note: water dropped from the circulation hoses here).

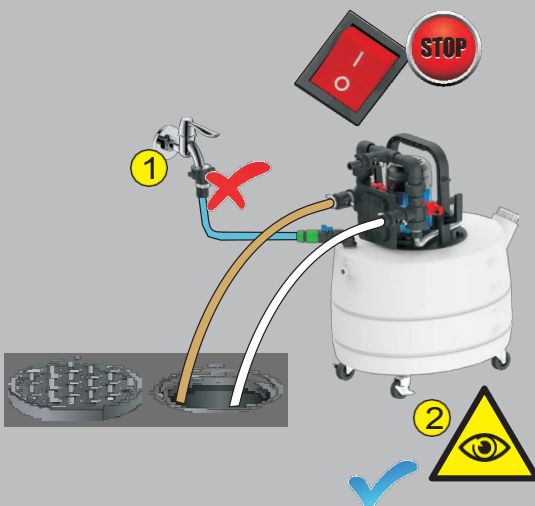


Snapshot.

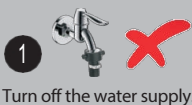
Procedure

STEP 5: Clean the flushing pump.

Cleaning the
boiler



INSTRUCTIONS



Turn off the water supply.



Check that the tank is almost empty, then press the power switch. Pour out the remaining water from the tank.



Turn the handles of the switching valve to the closed position.

Storage

Store the device in a warehouse.



The pump is not frostproof!
Keep the product away from children.

1. Disconnect the pump from the network.



2. Turn the pump upside down until water stops flowing out.

3. Clean the pump (see Maintenance).

4. Store the pump in a dry, closed and frost-proof place.



The product must not be disposed of in ordinary household waste.
Dispose of the product through or via a municipal recycling collection center.

Maintenance

CAUTION: Risk of injury!



Accidental activation of the device may cause injury.
Disconnect the pump's electronic power supply from the mains before performing any maintenance.



If the pump impeller becomes blocked with debris, it is up to the user to clean the impeller chamber.

After each use, the pump should be removed from the tank and rinsed with clean water.

Flush pump

After pumping chlorinated water, the pump should be flushed.



1. Pump lukewarm water (max. 35°C), possibly adding a mild detergent (e.g., detergent), until the pumped water is clear.

2. Dispose of the residue in accordance with the waste disposal regulations of your region.

Troubleshooting

The problem:	Possible cause:	Method of removal:
The pump and the pump motor are not working. The pump is not pumping water even though the pump motor is on	The pump is blocked (pump shaft)	Unplug the pump from the electricity supply. Insert a screwdriver through the fan housing and try to move the fan
	No electricity supply	Check that the pump's electrical plug is properly inserted into the electrical socket
		Check the "plugs" in the house and any kind of installation fuses that can cut off the power supply from the grid
		Check to see if there is power in the area around your home - electricity may be disconnected by the power company in a larger area
	The temperature of the pumped water is too high	Check that the water temperature is not too high for the type of pump. problems
The pump turns on every now and then and shuts down	Ambient temperature too high	Lower the temperature, for example, by ventilating the room
	Tank pressure too low or too high	Inflate or deflate the air into/out of the tank using the valve
	Leakage of the discharge system	Seal the installation
	Non-return valve leakage	Replace the check valve

The most common problem that occurs during the use of cleaning pumps is blockage of the impeller. The symptom is the lack of circulation of the cleaning medium with simultaneous normal operation of the pump motor. The cause of this behavior of the device can be an excess of solids, sludge and other impurities. If the pump is not cleaned very thoroughly after operation and then put away for a certain period of time, the impeller may become blocked when trying to restart. This happens because of the chemical composition of the sludge, which hardens and forms a coating that blocks the rotation of the impeller. To avoid this type of failure, it is essential to clean and thoroughly rinse the pump after each use.

The symptoms described above are not subject to the warranty procedure. It is the responsibility of each user to keep the pump in a proper state of cleanliness.

Let's take care of our environment!

Every user can contribute to environmental protection. It is neither difficult nor costly. To do so, donate recycled cardboard packaging, bags of Plastic put in the plastic container. Return the used device to a suitable disposal point.

Directions for disposal

The packaging of this product can be recycled. Contact your local authorities for information on proper disposal.

Disposal of used product



The used product is subject to disposal as waste only in the selective waste collection organized by the Network of Municipal Electrical and Electronic Waste Collection Points. The consumer has the right to return used equipment to the electrical equipment distributor's network, at least free of charge and directly, as long as the returned device is of the correct type and has the same function as the newly purchased device.

It is forbidden to dispose of the used appliance together with other household waste.

Year of CE marking of the device
(entered by vendor based on nameplate)



declaration of conformity | module A

1. RINKING PUMPS from the series:

FLUSH

2. Dambat Jastrzębski S.K.A., Adamów 50, 05-825 GRODZISK MAZOWIECKI,
POLAND, e-mail: **biuro@dambat.pl**

3. This declaration of conformity is issued under the sole
responsibility of the manufacturer.

4. Flushing pumps from the series included in item 1.

5. We declare with full responsibility that the pumps to which this
declaration applies are made in accordance with the following Directives
and the references to harmonized standards contained therein:

- MD Directive No. 2006/42/EC

Applied standards:

EN 809:1998 + A1:2009

- LVD Directive No. 2014/35/EU

Applied standards:

EN 60335-1:2012/AC:2014,

EN 60335-2-41:2003/A2:2010,

- EMC Directive No. 2014/30/EU

Applied standards:

EN 55014-1:2006/A2:2011,

EN 55014-2:2015,

EN 61000-3-2:2014,

EN 61000-3-3:2013


Adam Jastrzębski
23.04.2023

WARRANTY CARD

The following warranty card is valid only with the original purchase document, i.e. invoice or receipt. In addition, it must be confirmed by the seller with a signature and stamp. The warranty card without the original purchase document attached is invalid.

1. The guarantor of the device is DAMBAT Jastrzębski S.K.A., service address: Adamów 50, 05-825 Grodzisk Mazowiecki, Poland, Panattoni complex.
2. For customers with original proof of purchase in the form of a fiscal receipt, or original invoice, the warranty period is **24 months**.
3. The warranty does not include, limit, or suspend the buyer's rights under the warranty provisions for defects in the goods sold.
4. The warranty includes free repair of defects in the device caused by a manufacturing error.
5. A condition of the warranty is that the instructions in the instruction manual are followed.
6. The warranty does not cover:
 - Damage resulting from improper handling or operation not in accordance with the intended use and operating instructions
 - Damage caused by external forces, the cause of which lies outside the device to which the warranty applies (e.g. frost damage, transport damage, fire, flood, etc.).
 - Damage caused by interference in the construction of the device by persons not authorized by the guarantor.
7. The warranty is void in the event of:
 - Finding at the authorized service center of structural changes made by a person not authorized by the guarantor;
 - Finding at an authorized service center attempts to disassemble the device by a person not authorized by the guarantor, beyond the activities allowed by the operating instructions
 - Finding at an authorized service center any corrections to the warranty card made by persons not authorized by the guarantor
 - Finding at the authorized service center any discrepancies between the entries on the warranty card and the purchase document.
8. The warranty covers only devices operated in the territory of the Republic of Poland.
9. In the case of shipping the device for repair by the user, for shipments of devices - among others, weighing more than 20 kg - the guarantor covers the cost of transportation to the service. Before shipping, please contact the guarantor for information on which courier company to send the device (tel. 22 632 86 09). The guarantor accepts only shipments sent in the standard service. Shipments sent at the expense of the guarantor using other than standard service will not be received. The guarantor does not accept COD shipments. The user should prepare (protect) the device for transport so that it is not damaged. Any damage caused by the customer is not subject to warranty repair.
10. Apart from the terms of the warranty, the buyer is not entitled to any compensation.
11. If you send a working device to the service center, not subject to warranty repair, you may be asked to reimburse the cost of checking the device, and to reimburse the cost of returning the device from the service center to you.
12. In the event that the warranty provider does not consider the damage to be the fault of the manufacturer, the user may be asked to refund the cost of transportation to the service center and refund the cost of returning the device to the user.
13. Warranty repair will be carried out within 14 working days from the date of delivery of the device to the service, except in special cases when the defect is not permanent and longer diagnostics of the device is necessary.
14. The guarantor does not provide information about the status of the repair, as well as the course of the repair itself of the device sent for service.
15. If you have an email address, please provide it below:

User email address:

16. Providing the address by the user will facilitate communication with the service and may speed up repairs.
17. Contact to nationwide service: tel/fax 22 632 86 09, e-mail: serwis@dambat.pl
Business hours: Monday-Friday 8.00-16.00

DEVICE TYPE:

NO. PRODUCTION :

.....
DATE OF SALE (month in words)SELLER'S

.....
SEAL AND SIGNATURE



dambat.pl
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BIURO@DAMBAT.PLBIURO / OFFICE +48 22 721 11