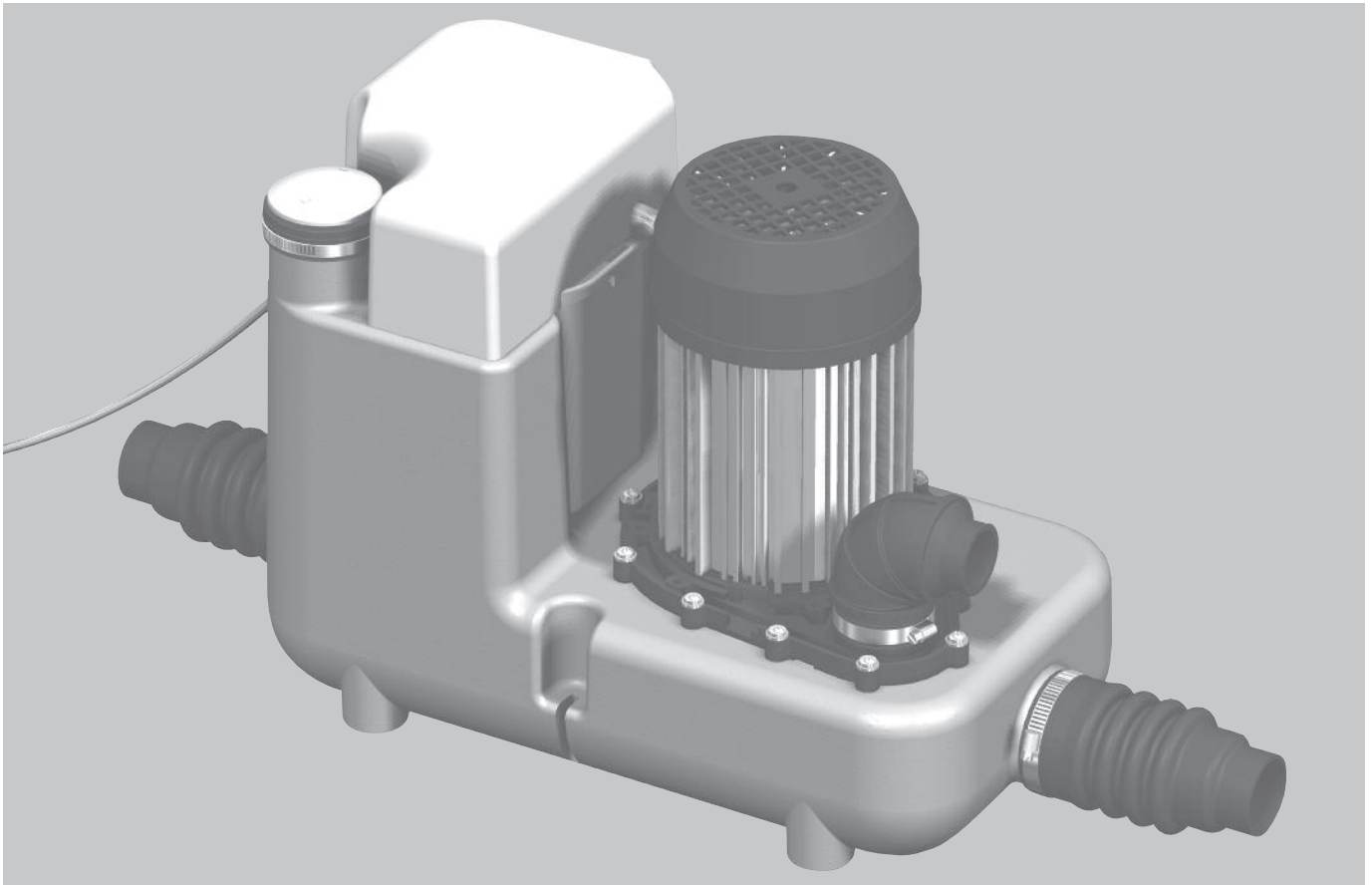


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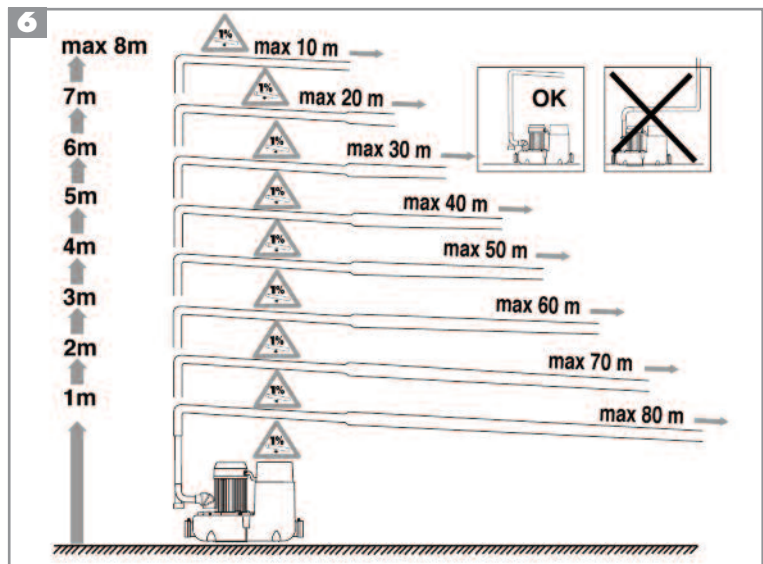
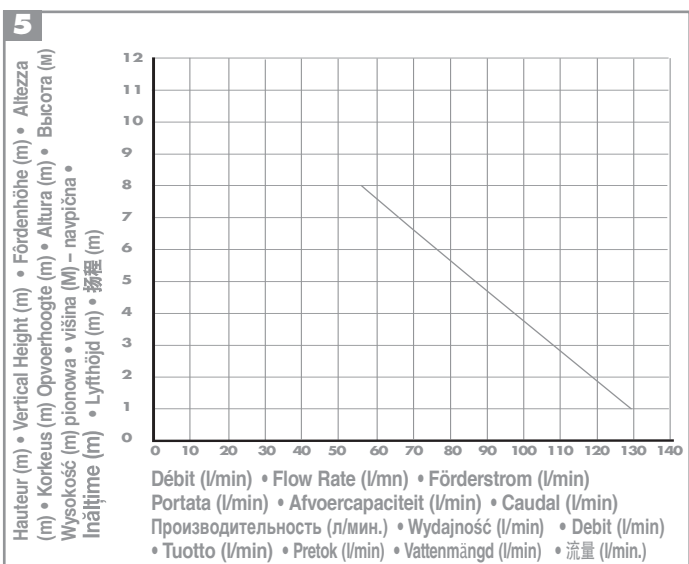
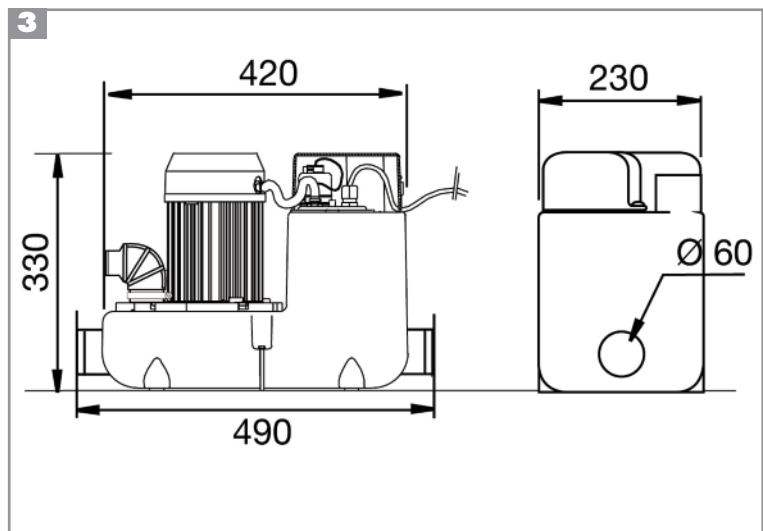
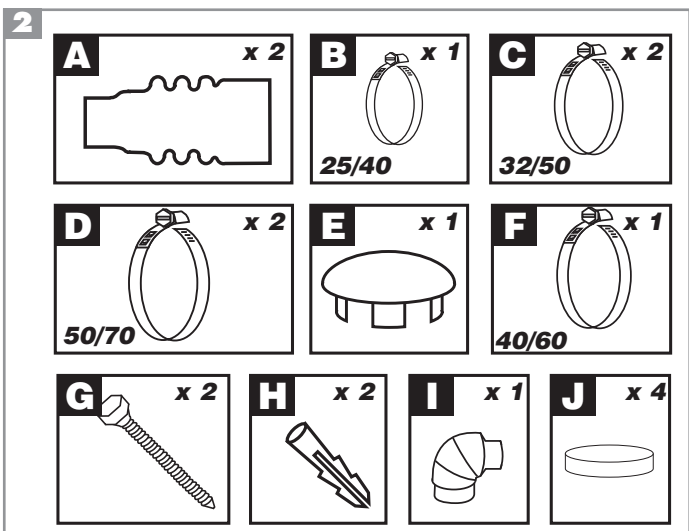
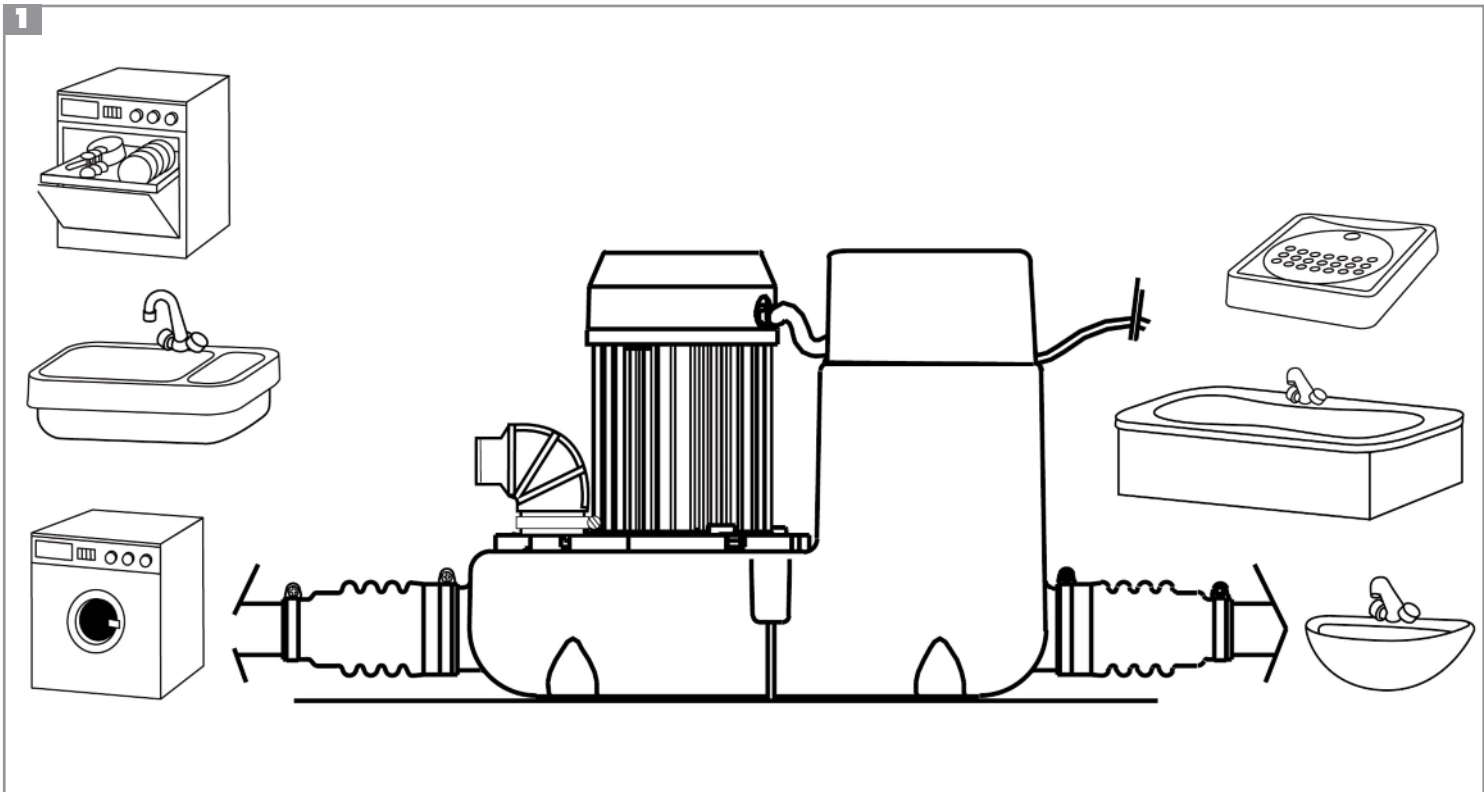


A lire attentivement et à conserver à titre d'information • Read carefully and retain for future reference
Bitte aufmerksam durchlesen und aufbewahren • Da leggere attentamente e conservare a titolo di informazione
Leer atentamente y conservar a título de información • Leia atentamente este manual e guarde-o a título de informação
Dit document goed doorlezen en bewaren • Do uważnego przeczytania i zachowania tytułem informacji
Внимательно прочитать и сохранить в порядке информации
Käyttäjän on säilytettävä nämä ohjeet myöhempää tarvetta varten • A se citi cu atenție și a se păstra
Natan no preberite in shranite za kasnejšo uporabo • Annan viktig information • 重要补充信息



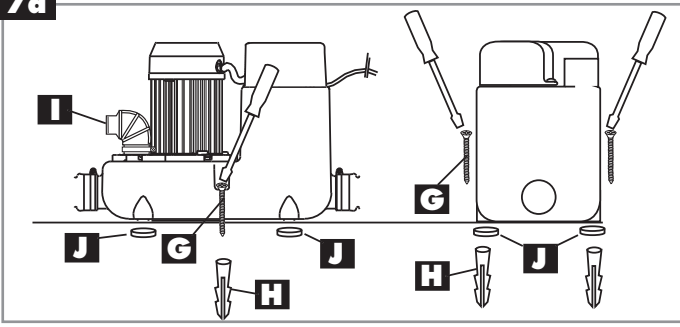
NOTICE D'INSTALLATION • INSTALLATION INSTRUCTIONS • INSTALLATIONSHINWEISE
ISTRUZIONI PER L'INSTALLAZIONE • INSTRUCCIONES DE INSTALACION
MANUAL DE INSTALAÇÃO • INSTALLATIE VOORSCHRIFTEN • INSTALLATIONSVEJLEDNING
INSTRUKCJA INSTALACJI ИНСТРУКЦИЯ ПО УСТАНОВКЕ • MANUAL DE INSTALARE
ASENNUSOHJEET • NAVODILO ZA MONTAŽO • INSTALLATIONSANVISNINGAR • 安装指南

SANICOM® 1

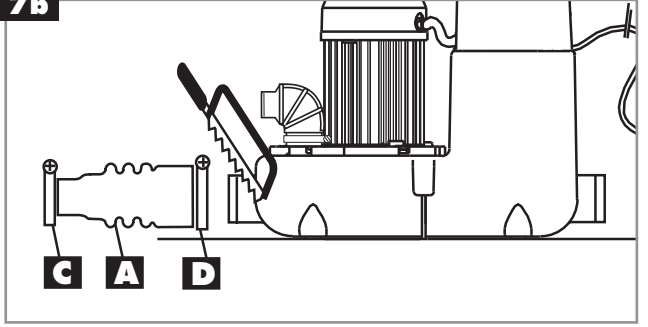


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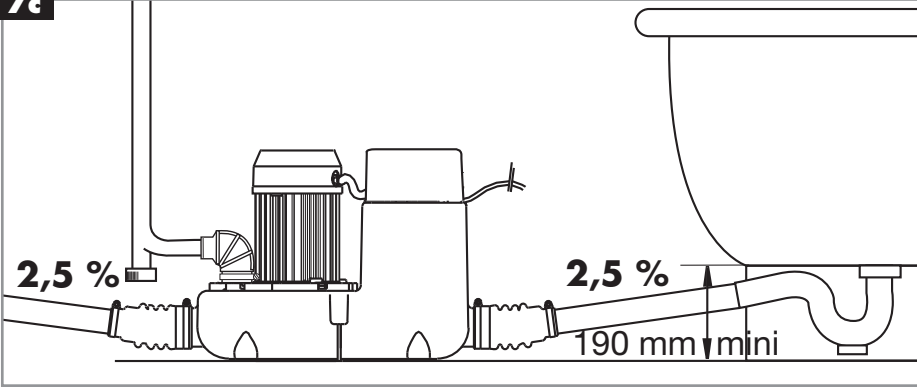
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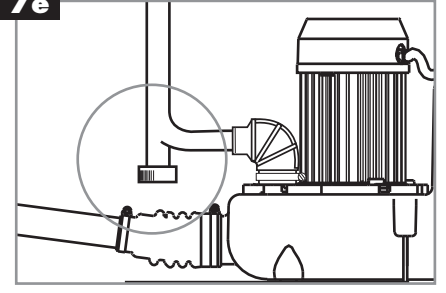
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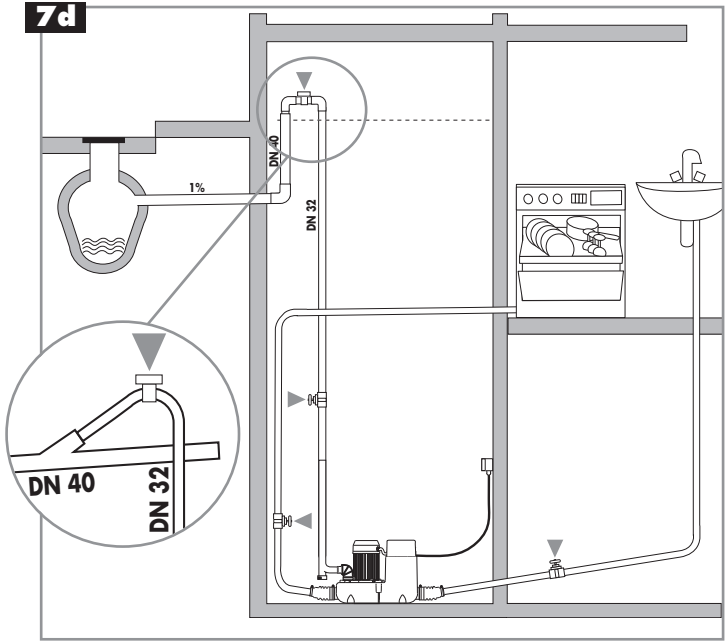
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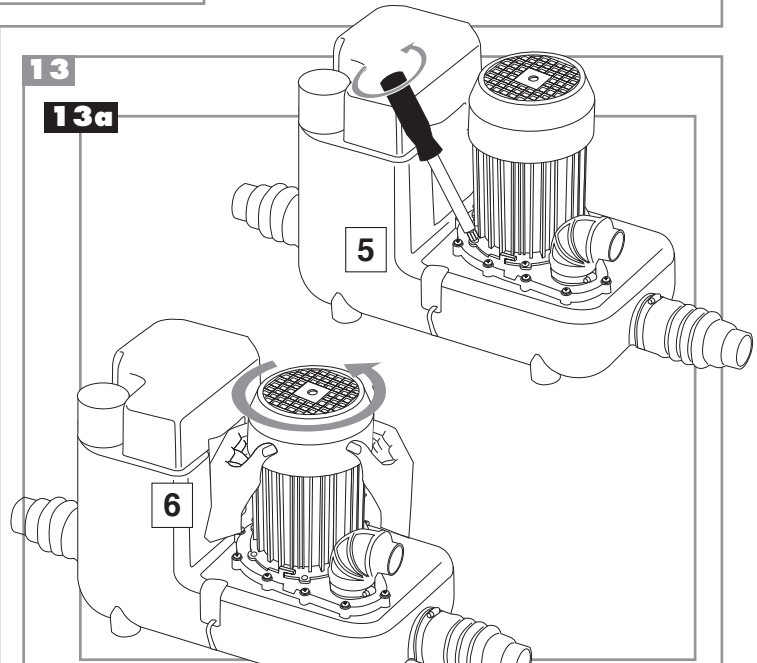


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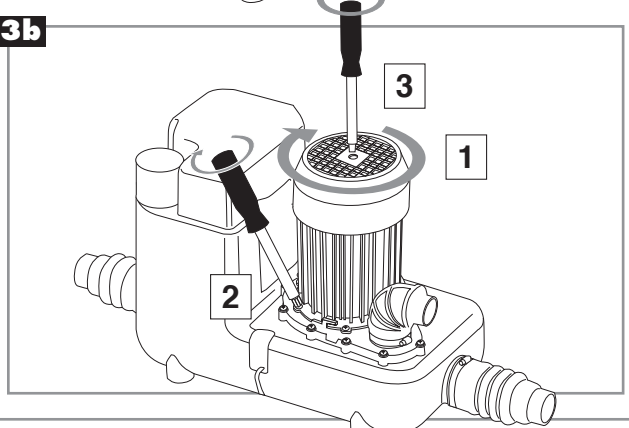


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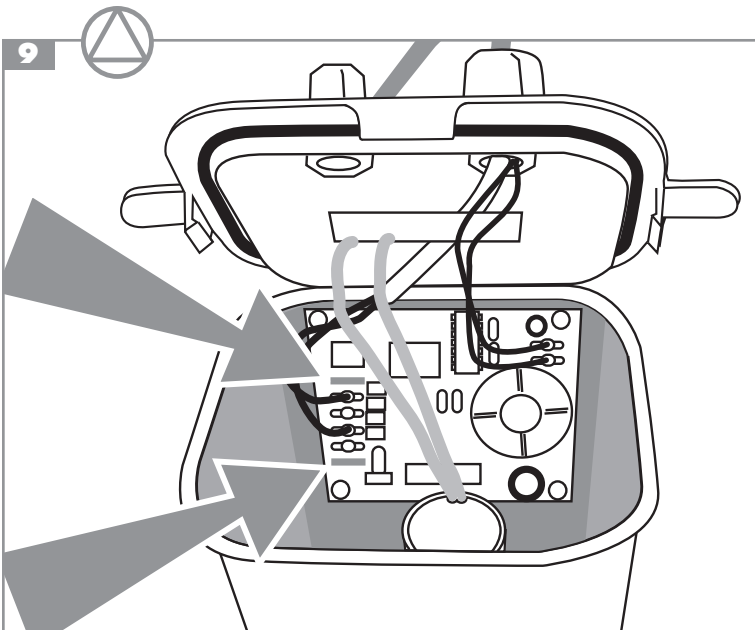
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9



8

SANICOM® 1
 Société Française d'Assainissement
 EN 12050-2

P95
 220-240 V - 50 Hz
 750 W - IP44






Fully illustrated step by step instructions are downloadable on www.saniflo.co.uk

1 WARNING NOTICE

SANICOM® 1 is a lifting pump for wastewater used in commercial applications (restaurants, hairdressing salons, the catering industry etc.). The unit operates automatically, has a high performance level, and is safe and reliable, provided all the rules for installation and maintenance in this notice are strictly followed.

Especially those indicated by:

- "  " Failure to comply with this instruction could endanger the safety of persons,
- "  " Indication that a risk of electrical origin exists,
- "  " Electrical installation must be carried out by a professional electrician.

"**ATTENTION**" Failure to comply with this instruction could endanger the safe functioning of the apparatus.

For any additional information, please contact our customer service department.

This device is not designed for persons (including children) with limited physical, sensory or mental abilities, or those with minimal experience and knowledge, unless they are monitored and are given the necessary instructions for using the device, with the help of a person responsible for their safety. Monitor children and make sure they do not play with the device.

HOW IT WORKS

SANICOM® 1 contains 1 pump. The tank is equipped with a sensor tube which controls the automatic activation of the motor when waste enters the unit.

As soon as the waste enters the tank, the pump starts.

2 LIST OF PARTS SUPPLIED


3 DIMENSIONS

4 SANICOM® TECHNICAL DATA AND APPLICATION

Application	Sinks, washing machine, dishwasher or shower* or bath*
Type	P95
Maximum vertical pumping height	8 m
Voltage	220 – 240 V
Frequency	50 Hz
Maximum power consumption	750 W
Maximum current consumption	3.3 A
Electrical class	I
Protection index	IP44
Max temp with intermittent functioning	90°
Net weight	10 kg

* In the case of bath or shower tray, make sure the waste traps are raised 19 cm above floor level.

CAUTION: 1. All applications other than those described in this notice are prohibited.

2. Do not exceed an incoming flow rate greater than 80% of the flow rate stated on the design curve  in any of the apparatus.

5 PERFORMANCE CURVES

6 VERTICAL/HORIZONTAL PUMPING

7 INSTALLATION FITTING



1- Warning: The space in which **SANICOM® 1** is installed must be large enough to leave at least 600mm around the unit for easy maintenance. This space must be well lit, ventilated, and must never be immersed in water and must be protected from frost.

2- Isolation valves should be fitted to the inlet pipework and discharge pipework to isolate the unit in case of the need for service.


3- This evacuation pipe must be designed so as to prevent back-flow from the sewers.

7a The pump has securing devices, preventing it from turning or moving.

7b CONNECTION TO SIDE INLETS

Use the flexible inlet connector  for side input connections. Using a metalwork saw, saw the desired input point, remove any burrs and then fix the flexible inlet connector with the jubilee clip .

CAUTION: In the case of an installation for drainage of greasy wastes allow for a grease trap in front of each input point.

Connection to the inlet can be made using a DN40 or DN50 pipe. To make a DN50 connection, cut off the end of sleeve  beforehand.

7c CONNECTION TO SANITARY WARE

To connect bathtub (or shower), make sure the waste trap height is raised by at least 19 cm above floor level.

7d CONNECTION TO SOIL AND VENT PIPE OR DRAIN

The disposal of waste from the **SANICOM® 1** can be discharged through a 32 mm diameter copper or plastic pipes (or PVC, ABS, etc.).

Horizontal discharge pipework should maintain a 1% fall (1cm/M) to the soil and vent pipe. If a vertical rise is required, this must be installed at the start of the run, before the horizontal section.

Take care that the discharge valve flap faces the direction of flow.

If the end of the discharge pipework is much lower than the unit, install a riser pipe about 80mm long from the highest point of the discharge run and fit an air admittance pipe on top (capable of withstanding at least 15psi pressure.) to break the syphon.

End the outlet pipe at the waste stack.

7e IN CASE SERVICE IS NEEDED

Allow for a drain-off point at the bottom of the rising waste pipe. Ensure that the unit is easily accessible for possible maintenance.

7f ELECTRICAL CONNECTION

The electrical installation should be carried by a qualified person.

All wiring must conform to BS7671, 1992 requirements for electrical installation. The unit requires a 220/240 V single phase AC 50 Hz supply (UK specification). Do not connect the unit to a conventional plug and socket. The unit should be connected to a fully earthed electrical supply (class 1). It must be wired into an unswitched fused fixed wiring connector protected by a 10 amp fuse and a residual current detector (30 mA). This connection must be used exclusively for supplying the **SANICOM® 1** unit.

The wires in the mains lead are coloured in accordance with the following code:

Brown	-	Live
Blue	-	Neutral
Green/Yellow	-	Earth

WARNING: Ensure the electricity is turned OFF at the main switch board before wiring to connector. All work on cable, pressure chamber and motor should only be carried out by a qualified **SANIFLO** servicing agent, as special tools are required.

CAUTION: When the apparatus is connected up for the first time, it will work for 5 seconds even if there is no water in the basin. This operation acts as a manual start-up.

8 STANDARD

This piece of equipment complies with the EN 12050-2 standard (Lift station for effluents not containing faecal matter) and the directives and European standards on electric safety and electromagnetic compatibility.

9 ALARM



ELECTRICAL INSTALLATION MUST BE CARRIED OUT BY A PROFESSIONAL ELECTRICIAN

There is the option of connecting an alarm (light, bell) on to the electronic circuit board (2 terminals fed with 220V). If the motor is fed continuously (more than 5 minutes), the contact will be made. This enables the user to carry out a check if he wishes.

CONNECTION OF THE ALARM

Two 6.35 push on connection points are available on the electronic circuit board (arrowed) for creating an alarm circuit. (These connectors have a 220V, 0.5A maximum current passing through them). To access them after turning the power off, remove the cover then unscrew and unclip the upper casing of the electronic box, to expose the electronic circuit board. On this card use the point marked E.V. and the unused neutral connection point marked N. Use a round 2 x 0.75 mm² wire, which must pass across the lid of the upper casing, through the cable gland, before being connected to the chosen alarm system.

10 COMMISSIONING

Once the hydraulic and electrical connections have been made, check that the connections are tight by allowing water to flow through each entry point used. Ensure that the pump is working properly.

11 USE

SANICOM® 1 is designed for disposing of wastewater originating from sinks, clothes washing machines, dishwashers, showers or baths and basins.

SANICOM® 1 can pump out hot water.

CAUTION:

1. Do not dispose of concentrated chemical products (acids, solvents, bases, oxidants, reducers, etc.) into sanitary ware connected to the **SANICOM® 1**.
2. In the event of power failure, stop all water flow to the appliances connected to the **SANICOM® 1**.

12 FIRST LEVEL TROUBLESHOOTING



ELECTRICAL INSTALLATION MUST BE CARRIED OUT BY A PROFESSIONAL ELECTRICIAN

PROBLEMS	PROBABLE CAUSE	REMEDY
• Motor does not start	1. The appliance is not switched on 2. The cable is defective	1. Check the electrical installation.
• The alarm sounds	1. Pump blocked 2. Pump jammed 3. Too much water flowing through	1. Vérifier l'arrivée d'eau, sinon voir ci-dessous



For all other intervention, disconnect the electrical current.

SECONDARY TROUBLESHOOTING

PROBLEM ENCOUNTERED	PROBABLE CAUSE	REMEDY
• Motor does not start	1. Pressure reader tube kinked or out of position 2. Electronic card defective	1. Remove or replace the tube. 2. Consult an SFA-approved breakdown technician.
• Pumps working constantly	1. Level pressure pipe is blocked 2. Vertical discharge too high 3. Electronic card defective	1. Extract the level pressure pipe unblock it. 2. Examine the appliance. 3. Consult an SFA-approved breakdown technician.
• Alarm sounding	1. Pump blocked 2. Pump jammed 3. Electrical problems with motor 4. Too much water flowing through 5. Electronic card defective	1. Adjust the pump which is displaying the alarm: • Using a screwdriver, turn the motor shaft by accessing it through the hood. • Remove the pump and unblock it. If the pump revolves but does not pump, consult an SFA-approved breakdown technician. 5. Consult an SFA-approved breakdown technician.
• Intermittent start-up of pumps	1. The non-return valve broken or leaking 2. Electronic card defective	1. Clean or change the valve. 2. Consult an SFA-approved breakdown technician.

13 REMOVAL



ELECTRICAL INSTALLATION MUST BE CARRIED OUT BY A PROFESSIONAL ELECTRICIAN

13a REMOVING THE MOTOR

1. SWITCH THE APPLIANCE OFF (the yellow indicator light must be out).
2. Empty the tank.

To access the anti-backflow valve:

3. Unscrew the clips and then remove the elbow (6).
4. Clean or replace the valve (8).

To remove the motor

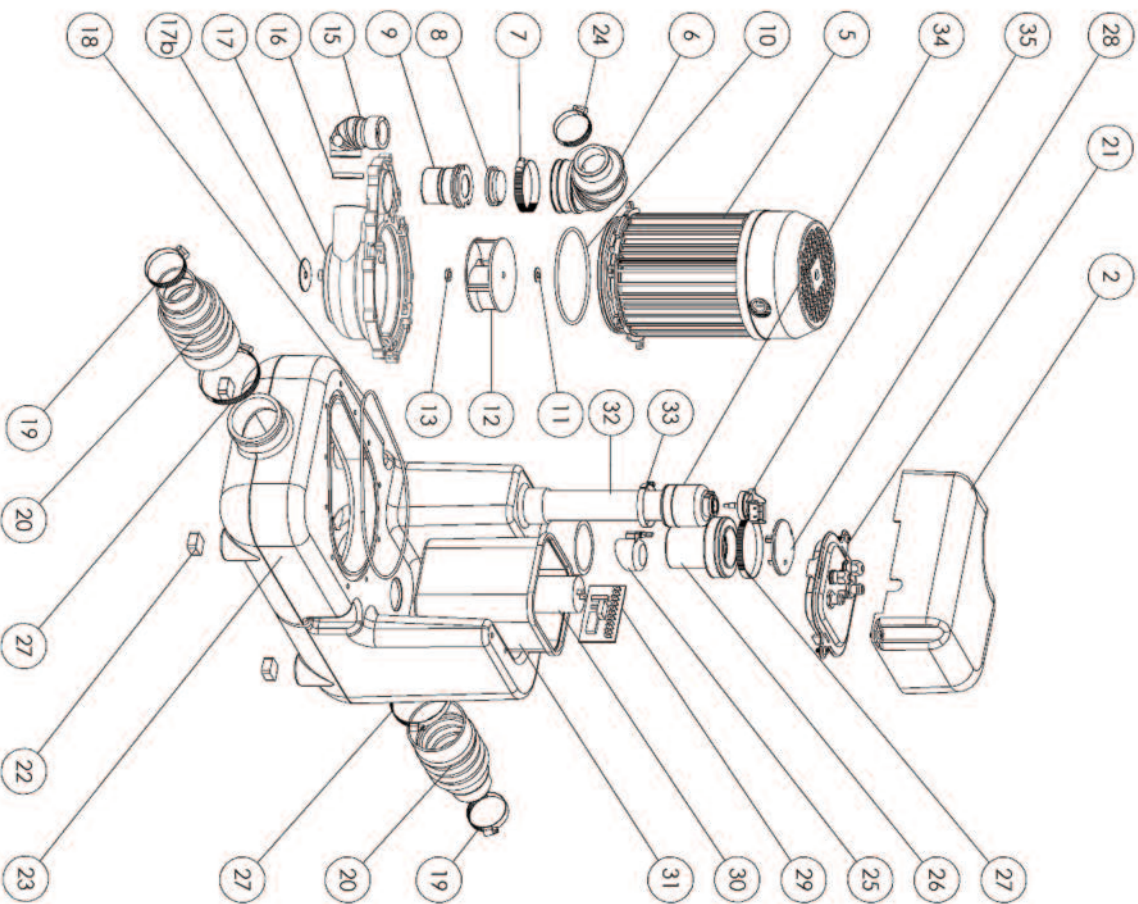
5. Unscrew the six screws torx T20.
6. Turn the motor anti-clockwise (**warning:** the motor may be hot) and lift it out.

13b REPLACING THE MOTOR

1. Locate the motor into the adaptor plate, ensure it is firmly home and turn it clockwise until the reference marks line up.
2. Screw in the six screws into the adaptor plate.
3. Check that the motor can turn freely using a screwdriver into the top of the motor shaft.

14 WARRANTY

SANICOM® 1 SFA is guaranteed for 2 years for labour and parts, subject to correct installation and use of the apparatus.



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