

# SFA

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IND1



## **IMPORTANT**

**DO NOT RETURN ANY MERCHANDISE TO THE VENDOR**  
**NE PAS RETOURNER DE MARCHANDISE AU VENDEUR**

For customer Service, Returns or Technical Questions, please call Saniflo's Technical support toll-free at 800-571-8191 (USA) or 800-363-5874 (CDN).

Pour le service client, les retours ou toute question technique, merci d'appeler le service technique de Saniflo au numéro suivant : 800-571-8191 (USA) or 800-363-5874 (CDN).

The user should retain these instructions for future reference • A lire attentivement et à conserver à titre d'information

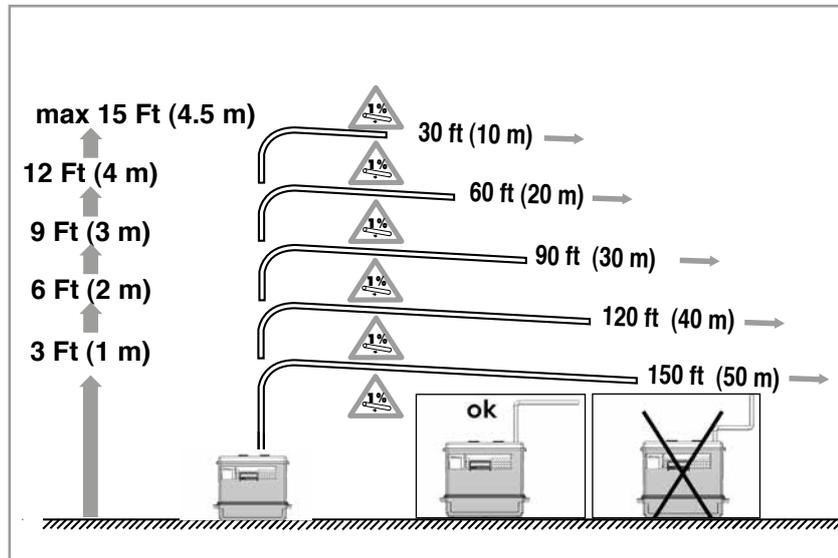
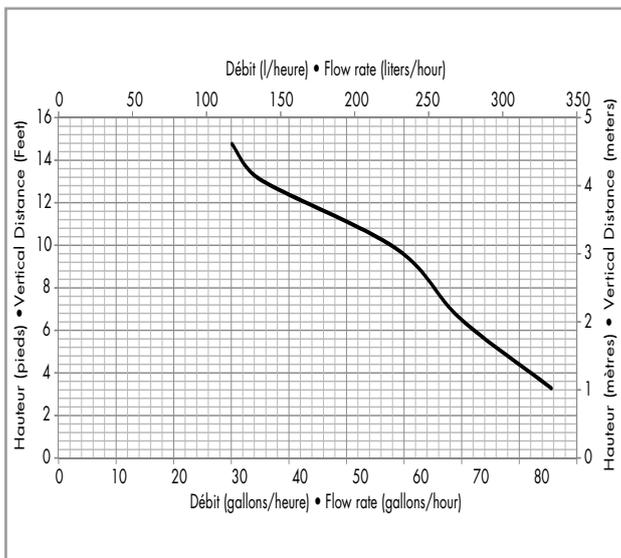
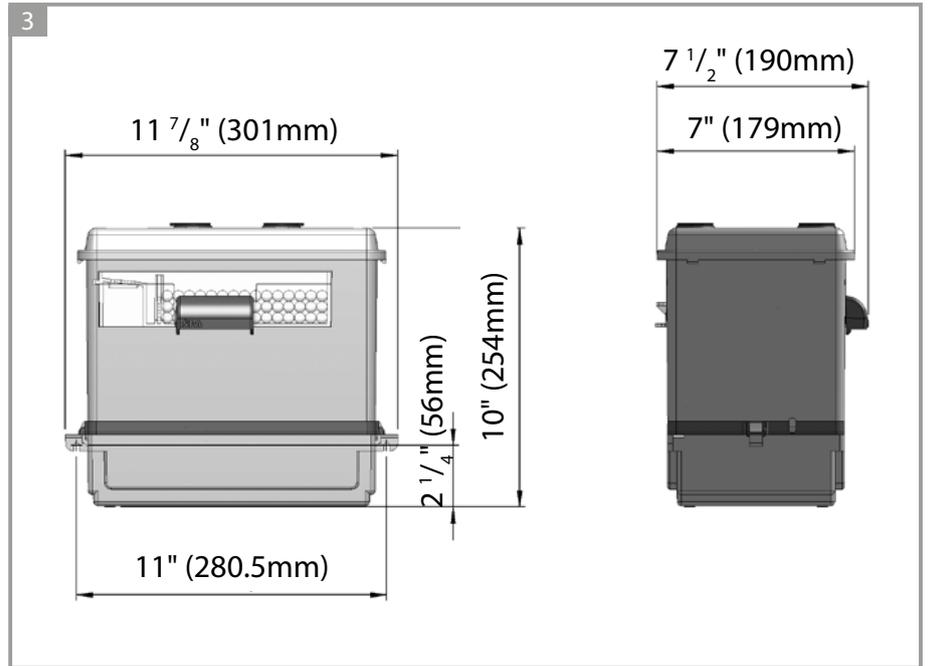
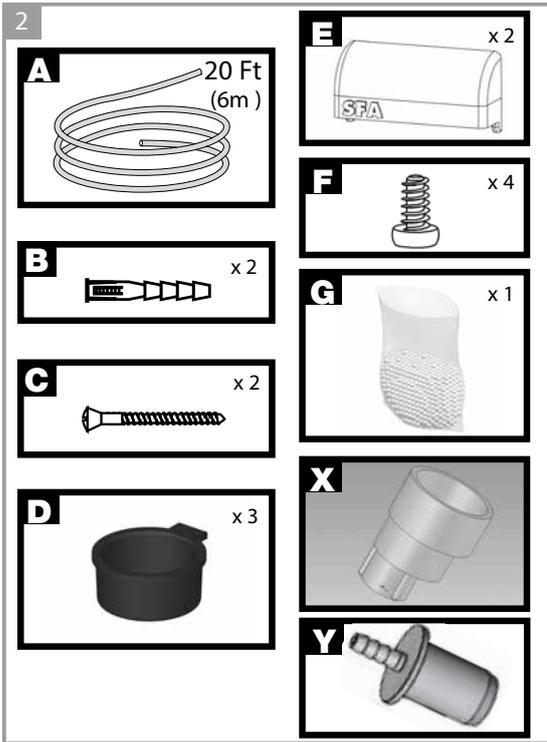
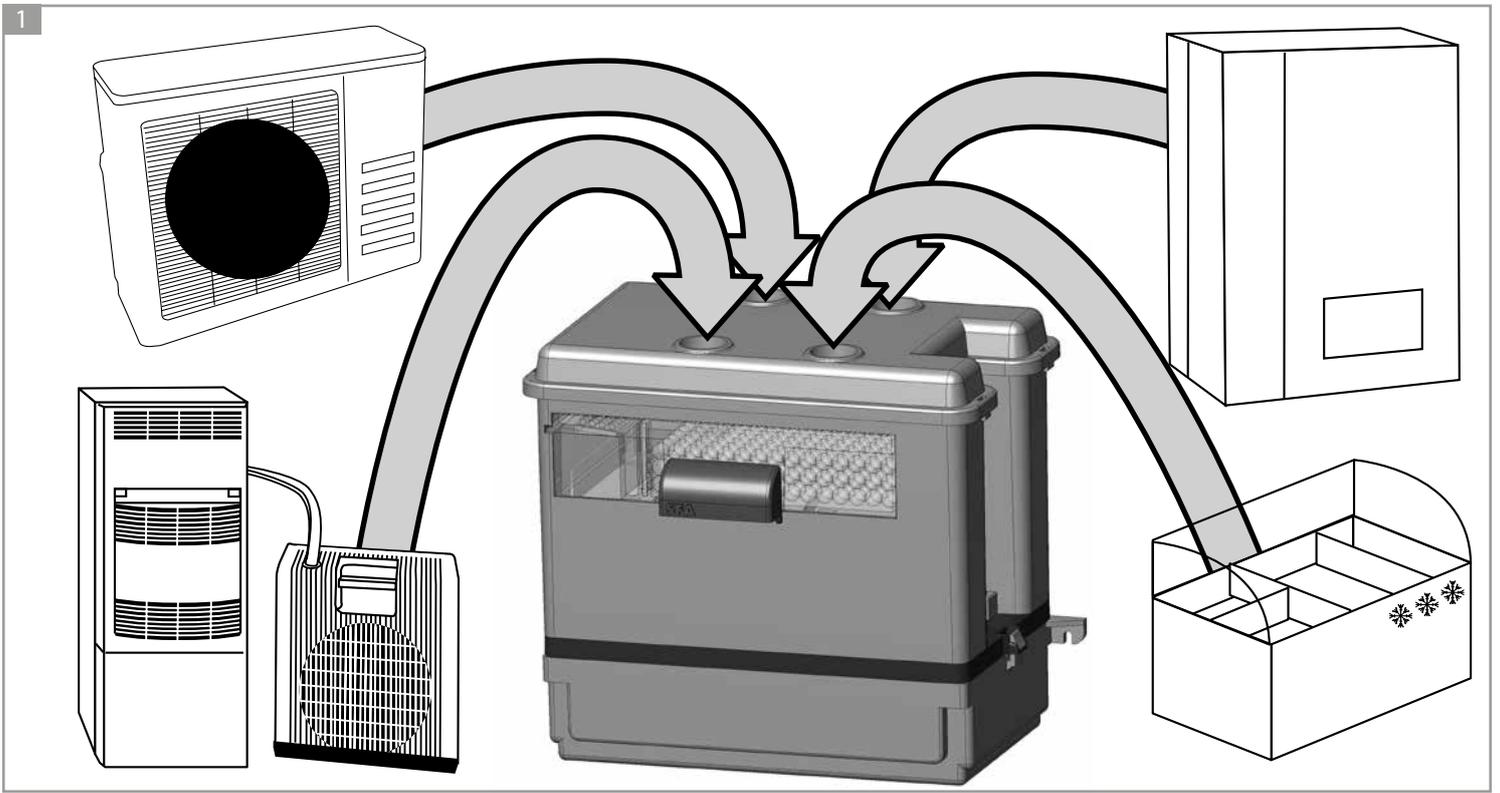
**This product must be installed in strict accordance with local plumbing codes.  
Product should be installed by a qualified technician.**

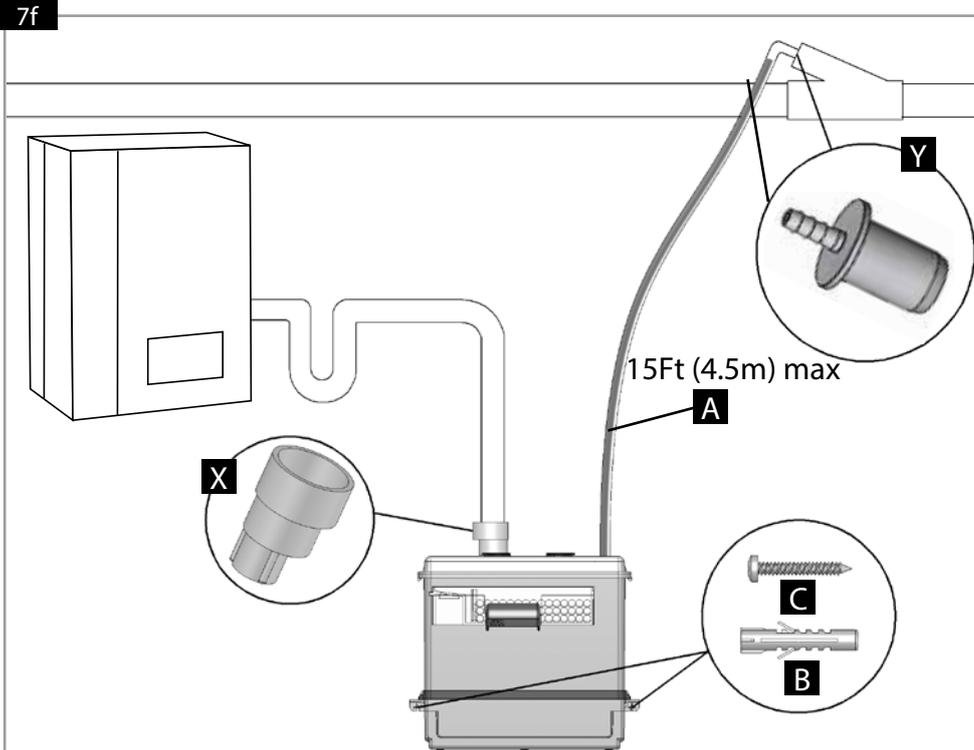
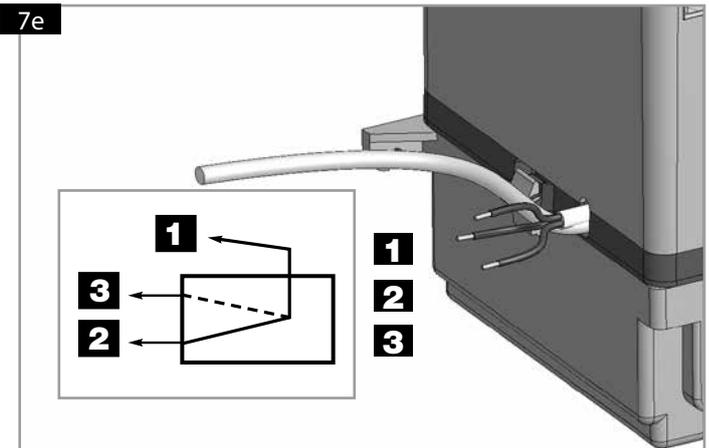
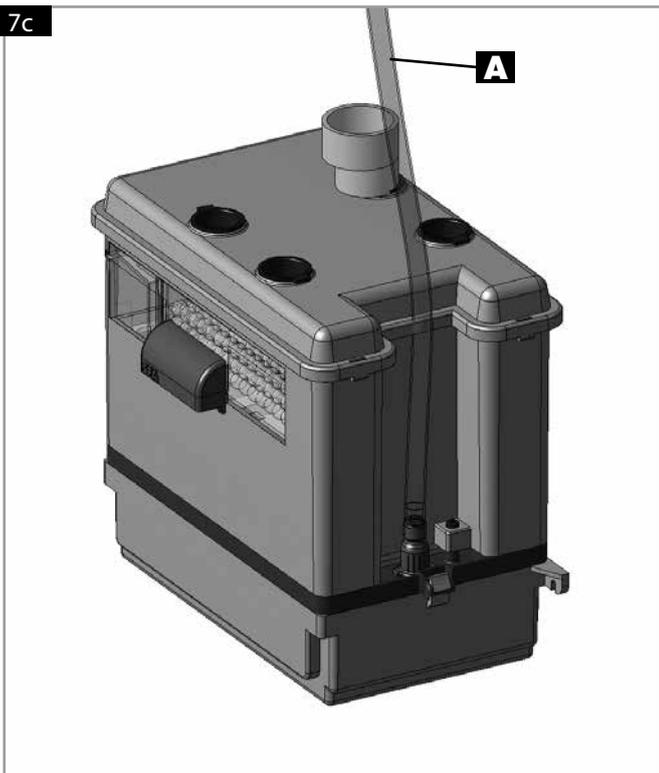
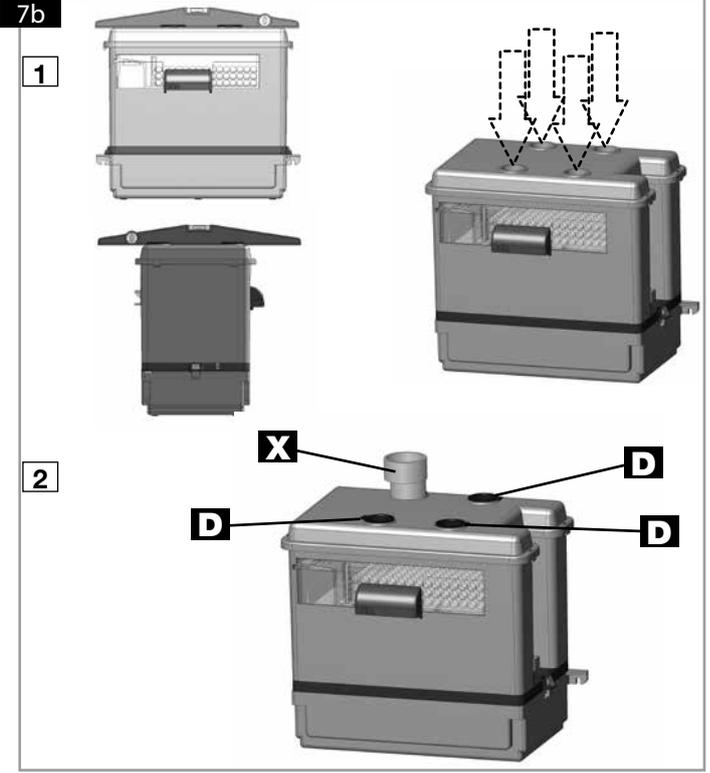
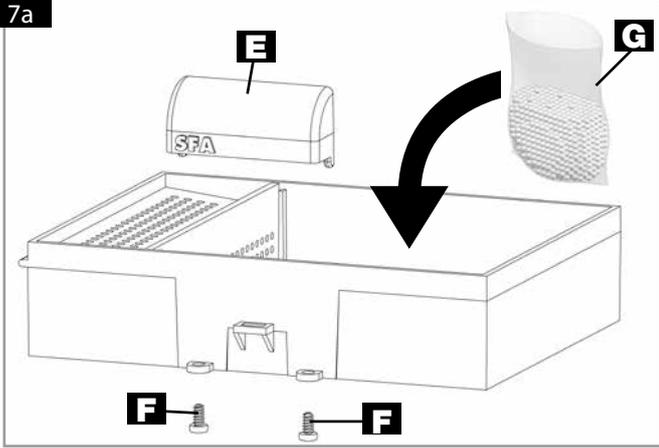
**Le produit doit être installé dans le respect des règlements sanitaires locaux.  
Le produit doit être installé par un technicien qualifié.**



**INSTALLATION AND MAINTENANCE INSTRUCTIONS**  
**INSTRUCTIONS D'INSTALLATION ET DE MAINTENANCE**

**SANICONDENS® Best**





**8**

**SANICONDENS® Best**

**115 V - 60 Hz - 60 W**  
**IP20 - ⚡**  
**1.2 A**

**1 CAUTION**

SANICONDENS®BEST is a pump for lifting condensate water from an air conditioning system, a condensation boiler or from refrigeration units.

The pump starts automatically and has a high level of performance, safety and reliability provided that all the installation and maintenance instructions described in this notice are strictly followed.

Please take particular note of the information marked by :

- « ⚡ » Indication that a risk of electrical origin exists,
- « ⚠ » Instructions for use only by qualified professionals.

**OPERATING PRINCIPLE**

SANICONDENS®BEST contains a pump. The tank of the SANICONDENS®BEST is fitted with a float which controls the operation of the motor. When the condensate enters the tank, the pump starts up.

The unit has its own neutralization system that can be used to increase the pH of the acid water from the condensing boiler

**2 SPARE PARTS:** see fig.2

**3 DIMENSIONS:** see fig.3

**4 SANICONDENS®BEST® AREA OF APPLICATION AND TECHNICAL DATA**

Application	Air conditioning systems, boilers, refrigeration units
Type	condens best
Max. vertical pumping	15 Ft (4.5 m)
Maximum flow rate (gal / hour)	86 (326 l/h)
Min. pH	2.5
Voltage	110-115 V
Frequency	60 Hz
Power rating	60 W
Current consumption	1.2 A
Electrical class	I
Protection index	IP20
Sound level	< 45 dBA
Maximum allowable temperature	160° F (70° C) S3 15% (1min30 ON, 8min30 OFF)
Net weight	8 lbs
Tank volume	2 liters
Supply cable	6 Ft (2 m)
Discharge hose	20 Ft (6 m)
Alarm cable (3 core)	6 Ft (2 m)
Wall fastening	Yes

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

**5 PERFORMANCE CURVES:** see fig.5

**6 VERTICAL PUMPING/HORIZONTAL PUMPING:**  
see fig.6

**7 INSTALLATION**

SANICONDENS®BEST may be mounted on a wall by using the mounting tabs on the tank.

The unit should be easy to access for testing and maintenance.

⚠ The unit must be installed leveled. Adjust the installation using a level before mounting the unit.

Make sure that the equipment is protected from damp while installing it.

**7a**  
Mount the handle **E** using the 2 screws **F**. Add the contents of the bag of neutralizing pellets **G** into the drawer

**7b CONNECTION AT THE COVER INLET**

The unit has 4 inlets 1" in diameter (2 on each side - see fig. **7b**). To connect the water to be drained off, connect the water inlet to one of the inlets and close off any unused inlets with the plug **D**. If necessary, use the adapter **X** (3/4", 1-1/4", 1-1/2" in diameter).

**7c CONNECTING TO THE DISCHARGE HOSE**

The SANICONDENS®BEST discharge pipe must be connected to the flexible hose **A** (supplied : length 20 Ft). This hose should be used to form the vertical section of the discharge pipe.

- Place the flexible hose onto the non-return valve of the SANICONDENS®BEST (see diagram **7c**).
- Position the flexible hose in the most vertical position possible to avoid it kinking.
- It is advisable to make a smooth bend to avoid the hose from kinking.
- The discharge vinyl tubing (included) can be connected to a PVC line large in diameter by using the plastic reducer **Y** that is provided with the system.  
As shown on the fig. **7f**, the plastic fitting connects to the end of the 3/8" vinyl tubing at the top and it increases the diameter to ease the connection to a PVC line. (Reducer is 3/8" barbed x 3/4" male end)

The SANICONDENS®BEST is fitted with a non-return valve to prevent re-activation.

**ELECTRICAL CONNECTION**

1. The electrical installation should be carried out by a qualified person. The unit should be connected to a fully grounded electrical supply. The SANICONDENS®BEST requires a 120V single phase AC 60 Hz supply.



**INSTRUCTIONS INTENDED SOLELY FOR QUALIFIED PROFESSIONALS**

**7e ALARM**

SANICONDENS®BEST is fitted with a detection system that can trigger an alarm if the water level rises too high (audible or visual alarm, 1.5V to 120V), see diagram **7e**:

- 1**. Brown wire: shared wire
- 2**. Black wire: normally off
- 3**. Blue wire: normally on

To fit the alarm, connect the blue and brown wires of the alarm to the respective terminals on the SANICONDENS®BEST.

**OPTIONAL:** if you connect the brown and black wires to the control relays on your boiler, it will be switched off if the water level rises too high in the unit.

**ATTENTION:** The maximum current admissible for our detection system is 0.5A.

To protect the electrical components in the SANICONDENS<sup>BEST</sup> once the alarm has been triggered, any water continuing to fill the tank comes out through the overflow outlets in the cover.

**7e**  **BEFORE TURNING THE DEVICE ON, MAKE SURE YOU REMOVE THE PROTECTIVE LOCKING PIN FROM THE REAR OF THE DEVICE**

**7f** **EXAMPLE OF AN INSTALLATION OF A SANICONDENS<sup>BEST</sup>: see fig. 7f**

## 8 STANDARDS

This model is eligible to bear the CSA mark shown with adjacent indicators “C” and “US”. The “C” and “US” indicators adjacent to the CSA mark signify that the product has been tested according to the applicable CSA (CDN) and ANSI/UL standards for use in Canada and the USA. This includes products eligible bear the designation NTRL. NTRL (Nationally Recognized Testing Laboratory) is a designation awarded by the American Occupational Safety and Health Administration (OSHA) to laboratories authorized to award the certification according to American standards.



**INSTRUCTIONS INTENDED SOLELY FOR QUALIFIED PROFESSIONALS**

## 9 DISASSEMBLY

If a breakdown occurs, any service on the unit should be carried out by a qualified technician. In particular the replacement of the power cable.



Disconnect the electrical supply before carrying out work on the unit.

## 10 TROUBLESHOOTING



**INSTRUCTIONS RESERVED SOLELY FOR QUALIFIED PROFESSIONALS**



Disconnect the electrical supply before carrying out any work.

FAULT DETECTED	PROBABLE CAUSES	ACTION NEEDED
• The pump does not start	<ul style="list-style-type: none"> <li>• The pump is not connected to the power supply</li> <li>• The locking pin has not been removed.</li> <li>• The unit is not level.</li> <li>• Power cut</li> <li>• Float blocked</li> <li>• Condensates inlet pipe blocked</li> <li>• Neutralisation drawer is blocked</li> </ul>	<ul style="list-style-type: none"> <li>• Plug in the unit.</li> <li>• Remove the locking pin.</li> <li>• Please check the unit with a spirit level.</li> <li>• Check the mains voltage.</li> <li>• Clean the SANICONDENS<sup>BEST</sup> tank.</li> <li>• Clean the SANICONDENS<sup>BEST</sup> inlet pipe.</li> <li>• Clean the drawer, replace the pellets</li> </ul>
• The pump does not lift	<ul style="list-style-type: none"> <li>• Non-return valve blocked</li> <li>• Discharge pipe blocked</li> </ul>	<ul style="list-style-type: none"> <li>• Clean the valve.</li> <li>• Clean the discharge pipe.</li> </ul>

## 11 LIMITED WARRANTY

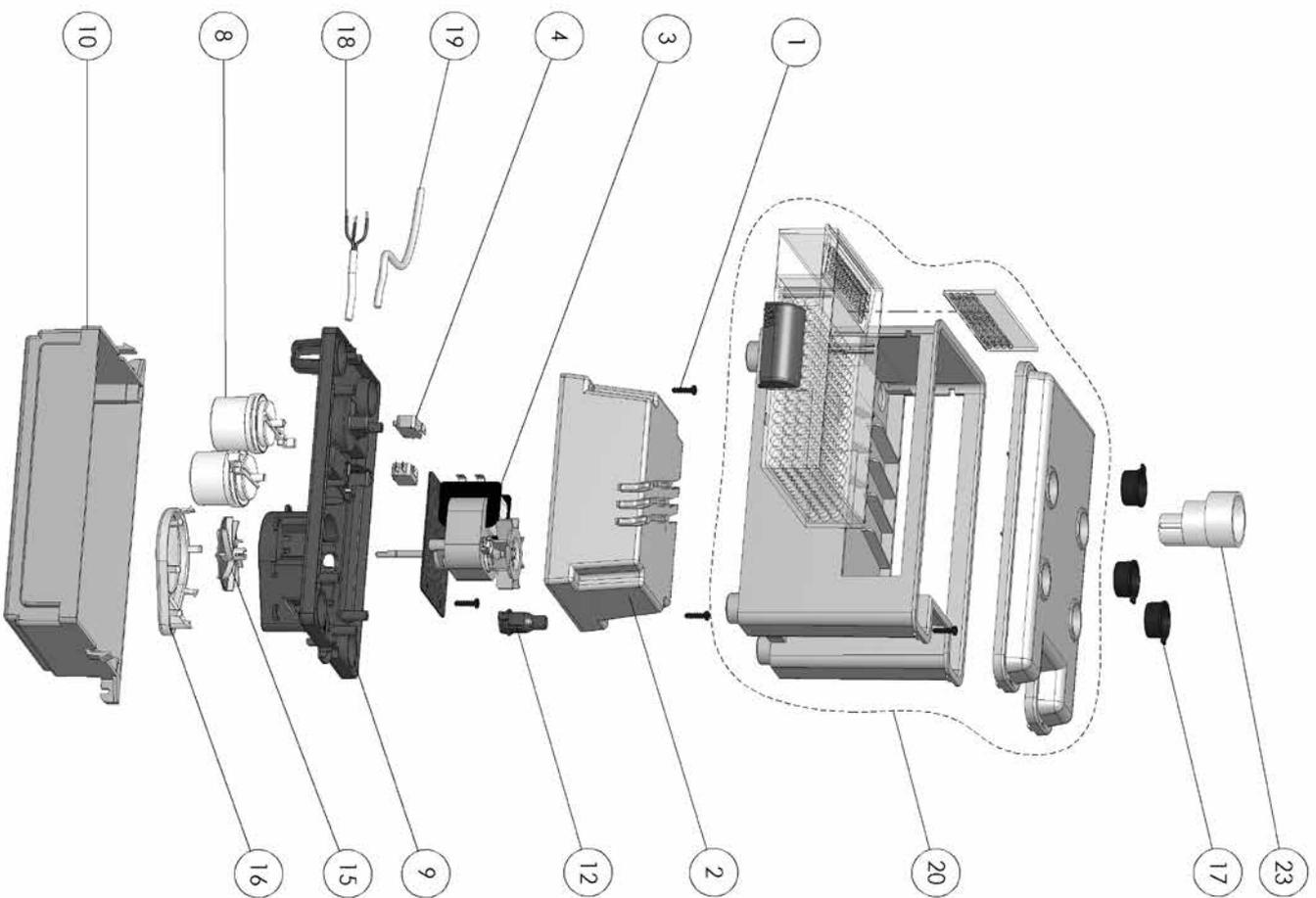
This SFA appliance bears a 3 year warranty starting from the date of purchase, subject to proper installation and use, in compliance set out in this notice.

Warranty issues will be handled by the Technical Department and will be subject to correct installation and usage.

If a replacement is to be issued, this will be only extended to the first 180 days starting from the date of purchase and will need to be approved by one of our company's representative. Warranty repairs will apply after such date up to the warranty's date of conclusion.

Plumber's invoices for any type of repair, disconnection and reconnection are not covered by the warranty and are the end user's responsibility. In no event shall the company be liable for any special, incidental or consequential damage, loss or injury of whatsoever nature or kind arising from or in connection with the product or any component thereof.

# SANICONDENS® Best



For service or for further inquiries, please call or contact any of the following addresses:

**United States**  
 SFA-SANIFLO INC.  
 105 Newfield Avenue, Suite A  
 Edison, NJ 08837

**Canada**  
 SFA-SANIFLO INC.  
 1-685 Speedvale Avenue West  
 Guelph ON  
 N1K 1E6

Toll Free: 1-800-571-8191  
 Telephone: 1-732-225-6070  
 Fax: 1-732-225-6072  
 E-mail: [sfsales@saniflo.com](mailto:sfsales@saniflo.com)  
 Web Site: [www.saniflo.com](http://www.saniflo.com)

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 Web Site: [www.saniflo.ca](http://www.saniflo.ca)