# Instruction Manual

# Booster Pump

**50811, 50812, 51784, 51785, 62789, 62790, and 62791**

Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!
Illustrations, functional steps, and technical data may deviate insignificantly due to continuous further developments.

Updating the documentation
If you have suggestions for improvement or have found any irregularities, please contact us.

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WilTec Wildanger Technik GmbH
Königsbenden 12
52249 Eschweiler Germany

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Retourenabteilung
WilTec Wildanger Technik GmbH
Königsbenden 28
52249 Eschweiler Germany

E-mail: **service@wiltec.info**
Phone: +49 2403 55592–0
Fax: (+49 2403 55592–15)

## Introduction

Thank you for choosing to purchase this quality product. To minimise the risk of injury, we ask you to always take some basic safety precautions when using this product. Please read this operating manual carefully and make sure that you understand it.
Keep these operation instructions in a safe place.

## General remarks

A booster pump is used when the normal water pressure feeding a reverse-osmosis system requires increase. The efficiency of the booster pump depends on the intake pressure of the supplied water. For correct operation, a typical reverse-osmosis system requires a water pressure of a minimum of 3.5 bar (50 psi). In case the water pressure is below 3.5 bar (50 psi), the system produces a smaller quantity of water with a lower quality.

**Note!** Our booster pumps have a pressure regulation screw. The pump is tested in the factory and set to ideal values. We wish to advise you not to modify these values, which could affect the output of the pump.

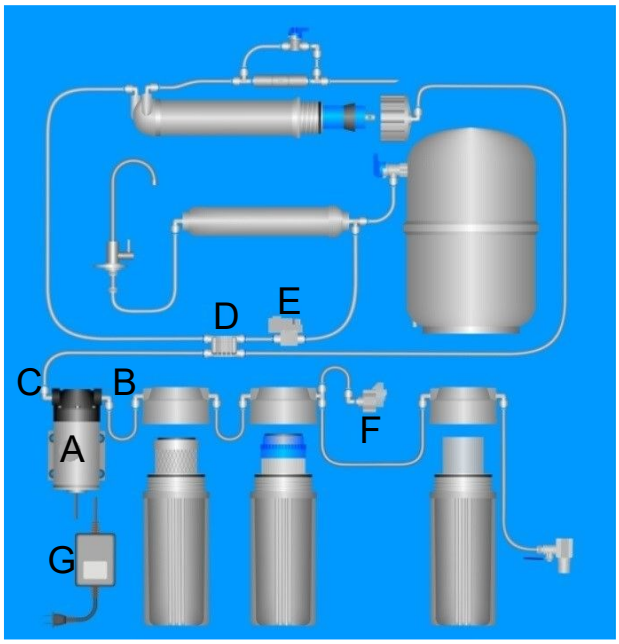



**Figure 1**

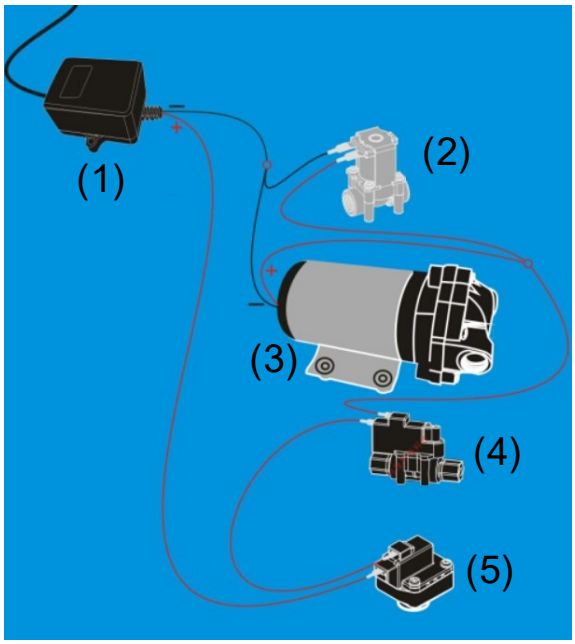


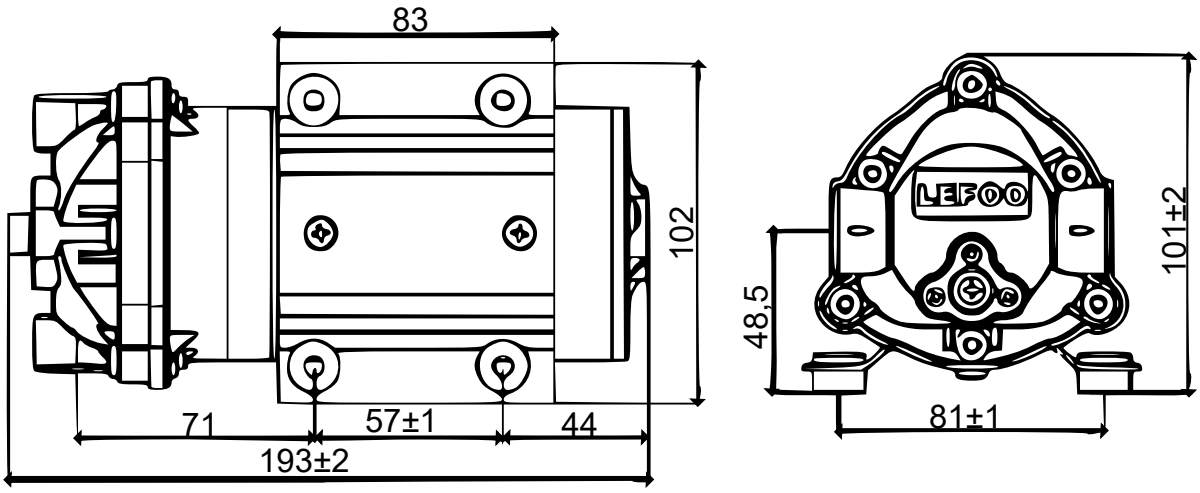

**Figure 2**

| № | Name | № | Name |
|---|---|---|---|
| 1 | Transformer | 4 | High-pressure switch |
| 2 | Solenoid valve | 5 | Low-pressure switch |
| 3 | Pump | | |

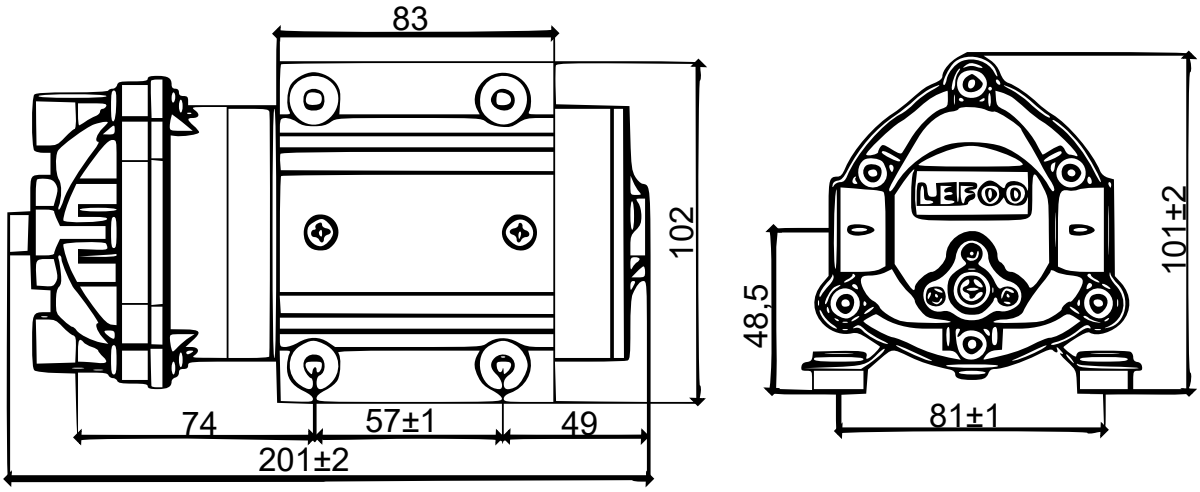
1. The booster system **(A)** is ideally suitable for home use. It has a high-quality non-stop pump that supplies a constant water flow to the diaphragm and operates quietly. The pump has a ⅜″ connector **(B, C);** nevertheless, a ¼″ quick coupling (not included) can be used, too. These quick couplings can be screwed off or replaced if necessary. The pump is available with a large variety of motor voltages, delivery heights, and configurations.
2. Please observe the figg. 1 and 2 regarding high-pressure switch **(E),** low-pressure switch **(F),** solenoid valve or four-way valve **(D),** transformer **(G),** etc.

## Technical specifications

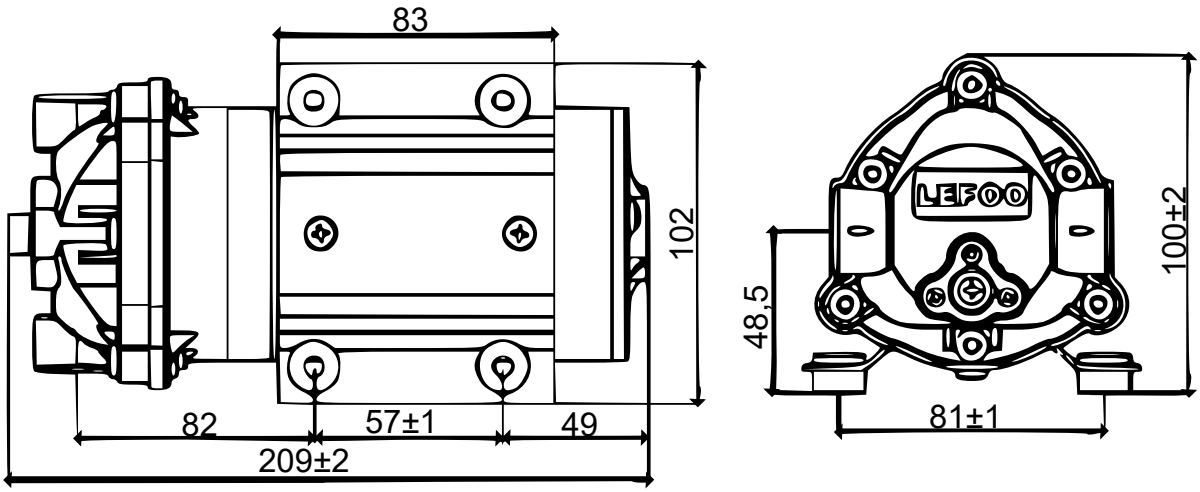
*Structure, size, and tolerance (values in mm)*



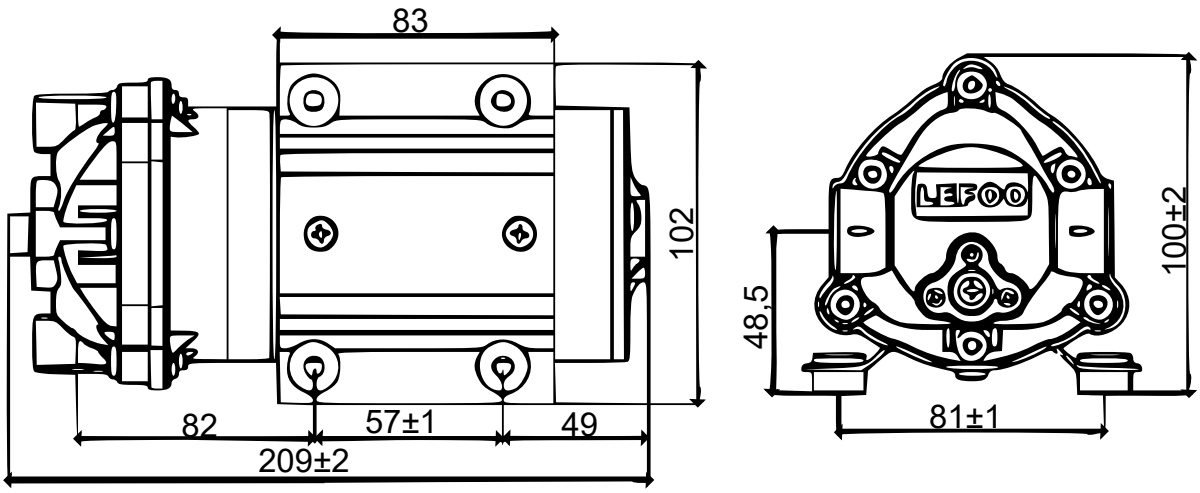

| Model | SKU | Properties |
|---|---|---|
| **LFP1050 W** | **50811** | Maximum amperage and voltage: 1 A, 24 V<br>Threaded pipe: ⅜″<br>Metal base<br>190 ⅓day (50 gpd) |



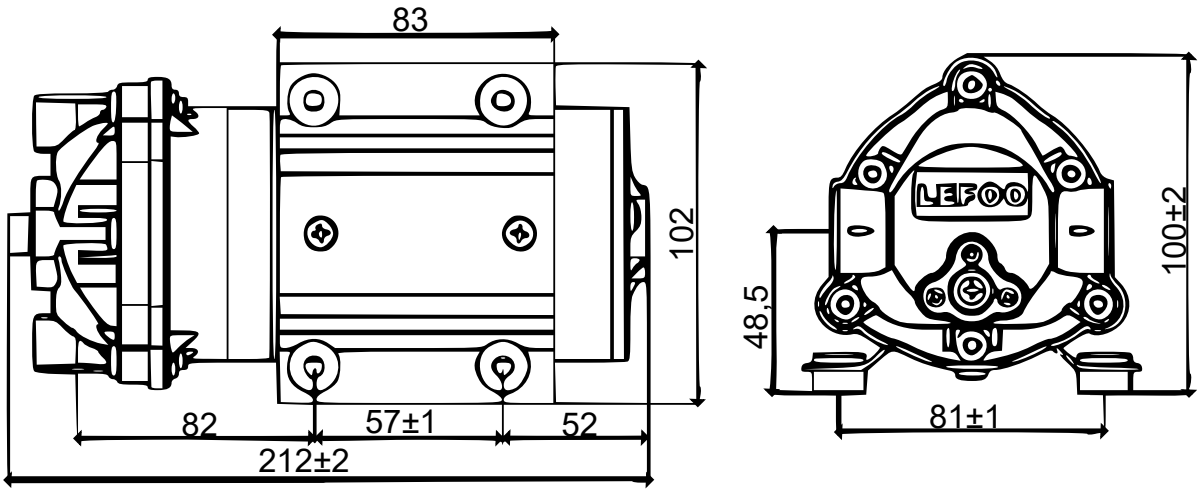

| Model | SKU | Properties |
|---|---|---|
| **LFP1100 W** | **62789** | Maximum amperage and voltage: 1.4 A, 24 V<br>Threaded pipe: ⅜″<br>Metal base<br>378 ⅓day (100 gpd) |



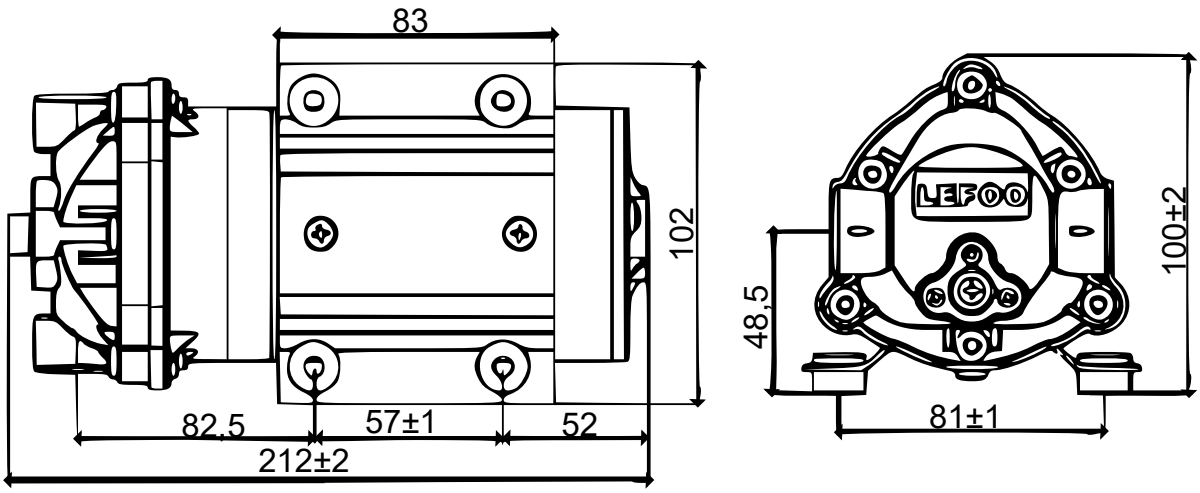

| Model | SKU | Properties |
|---|---|---|
| **LFP1200 W** | **50812** | Maximum amperage and voltage: 2.5 A, 24 V<br>Threaded pipe: ⅜″<br>Metal base<br>750 ˡ⁄day (200 gpd) |



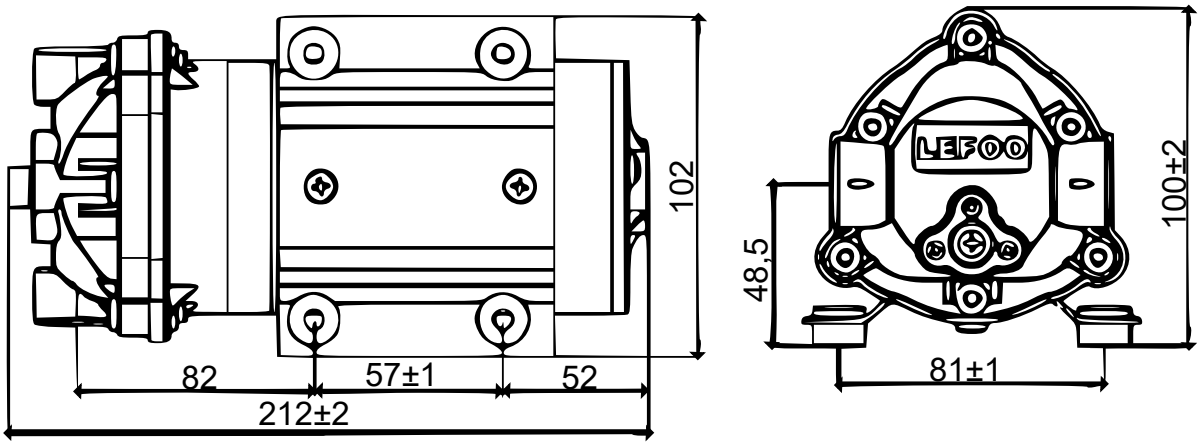

| Model | SKU | Properties |
|---|---|---|
| **LFP1300 W-A** | **51784** | Maximum amperage and voltage: 2.8 A, 24 V<br>Threaded pipe: ⅜″<br>Metal base<br>1135 ˡ⁄day (300 gpd) |




| Model | SKU | Properties |
|---|---|---|
| **LFP1400–2 W** | **51785** | Maximum amperage and voltage: 4.0 A, 24 V<br>Threaded pipe: ⅜″<br>Metal base<br>1514 ⅓day (400 gpd) |




| Model | SKU | Properties |
|---|---|---|
| **LFP1500 W** | **62790** | Maximum amperage and voltage: 4.2 A, 24 V<br>Threaded pipe: ⅜″<br>Metal base<br>1893 ⅓day (500 gpd) |




| Model | SKU | Properties |
|---|---|---|
| **LFP1600 W** | **62791** | Maximum amperage and voltage: 4.5 A, 24 V<br>Threaded pipe: ⅜″<br>Metal base<br>2271 ℓ/day (600 gpd) |

**Regulations for waste disposal**

The Waste Electrical and Electronic Equipment Directive (WEEE Directive, 2012/19/EU) of the EU was implemented in the German law related to electrical and electronic equipment and appliances.

All WilTec electric devices that fall under the WEEE directive are labelled with the symbol of a crossed-out wheeled rubbish bin. This symbol indicates that this electric device must not be disposed of with the domestic waste.

WilTec Technik GmbH is registered with the German registration authority EAR (Stiftung Elektro-Altgeräte-Register) under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic devices (intended for use in the countries of the European Union and other European countries with a separate waste collection system for these devices).
The symbol on the packaging or the product itself indicates that this product must not be treated as normal domestic waste but must be disposed of at a recycling collection station for electrical and electronic waste.
By disposing of this product correctly, you contribute to the protection of the environment and the health of your fellow people. Inappropriate disposal threatens the environment and health.


Material recycling helps to reduce the consumption of raw materials.

Additional information about the recycling of this product can be provided by your local commune, the municipal waste disposal facilities, or the store where you purchased the product.

Address:
WilTec Wildanger Technik GmbH
Königsbenden 12 / 28
52249 Eschweiler Germany

Important Note: