




STAIRVILLE

SF-650
foam machine

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Table of contents

1	General information	4
	1.1 Further information.....	5
	1.2 Notational conventions.....	6
	1.3 Symbols and signal words.....	7
2	Safety instructions	9
3	Features	18
4	Installation	19
5	Connections and controls	20
6	Operating	23
7	Technical specifications	26
8	Troubleshooting	27
9	Cleaning	28
10	Protecting the environment	30

1 General information

This user manual contains important information on the safe operation of the device. Read and follow all safety notes and all instructions. Save this manual for future reference. Make sure that it is available to all persons using this device. If you sell the device to another user, be sure that they also receive this manual.

Our products and user manuals are subject to a process of continuous development. We therefore reserve the right to make changes without notice. Please refer to the latest version of the user manual which is ready for download under www.thomann.de.

1.1 Further information

On our website (www.thomann.de) you will find lots of further information and details on the following points:

Download	This manual is also available as PDF file for you to download.
Keyword search	Use the search function in the electronic version to find the topics of interest for you quickly.
Online guides	Our online guides provide detailed information on technical basics and terms.
Personal consultation	For personal consultation please contact our technical hotline.
Service	If you have any problems with the device the customer service will gladly assist you.

1.2 Notational conventions

This manual uses the following notational conventions:

Letterings

The letterings for connectors and controls are marked by square brackets and italics.

Examples: *[VOLUME]* control, *[Mono]* button.

Instructions

The individual steps of an instruction are numbered consecutively. The result of a step is indented and highlighted by an arrow.


Example:

- 1.** ▶ Switch on the device.
- 2.** ▶ Press *[Auto]*.
 - ⇒ Automatic operation is started.
- 3.** ▶ Switch off the device.

1.3 Symbols and signal words

In this section you will find an overview of the meaning of symbols and signal words that are used in this manual.

Signal word	Meaning
DANGER!	This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury if it is not avoided.
WARNING!	This combination of symbol and signal word indicates a possible dangerous situation that can result in death or serious injury if it is not avoided.
NOTICE!	This combination of symbol and signal word indicates a possible dangerous situation that can result in material and environmental damage if it is not avoided.

Warning signs	Type of danger
	Warning – high-voltage.
	Warning – suspended load.
	Warning - slip hazard.
	Warning – harmful or irritating substances.
	Warning – danger zone.

2 Safety instructions

Intended use

This device is designed to produce foam by foaming a special fluid. Use the device only as described in this user manual. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Safety



DANGER!

Danger for children

Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard!

Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke!

Never let children unattended use electrical devices.



DANGER!

Electric shock caused by high voltages inside

Within the device there are areas where high voltages may be present. Never remove any covers.

There are no user-serviceable parts inside.

Do not use the device if covers, protectors or optical components are missing or damaged.



DANGER!

Electric shock caused by short-circuit

Do not modify the mains cable or the plug. Failure to do so could result in electric shock/death or fire. If in doubt, seek advice from a registered electrician.



DANGER!

Electric shock by contact of the foam with electrical contacts

If live electrical contacts or electrical connections come into contact with the foam, this can cause an electric shock.

Live electrical contacts or electrical connections in the foaming area must be waterproof.

Do not use the device in areas where the foam may come in contact with open power sources.



WARNING!

Danger of slipping

The dissolving foam can leave residual moisture. During operation, liquid may form around the device. Floors and surfaces can become slippery due to foam.

Check regularly that all floors can be accessed without slipping hazard and eliminate any escaping liquid.



WARNING!

Health hazard when handling foam fluid

Foam fluid contains surfactants. Skin contact, eye contact or ingestion of fluid is a health hazard.

If swallowed, drink water immediately and do not induce vomiting. If you experience symptoms of discomfort, seek medical attention immediately. Immediately wash the skin on contact with the fluid. Rinse the eyes upon contact with the fluid thoroughly with water.



WARNING!

Risk of injury caused by falling objects

Make sure that the installation complies with the standards and rules that apply in your country. Always secure the device with a secondary safety attachment, such as a safety cable or a safety chain.



NOTICE!

Risk of fire

Never cover the device, fan intake or vents. Do not install the device near any direct heat source. Keep the device away from naked flames.



NOTICE!

Operating conditions

This device has been designed for indoor use only. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations.

Only operate the device within the ambient conditions specified in the chapter 'Technical specifications' of this user manual. Avoid heavy temperature fluctuations and do not switch the device on immediately after it was exposed to temperature fluctuations (for example after transport at low outside temperatures).

Dust and dirt inside can damage the unit. When operated in harmful ambient conditions (dust, smoke, nicotine, fog, etc.), the unit should be maintained by qualified service personnel at regular intervals to prevent overheating and other malfunction.



NOTICE!

Possible damages caused by unsuitable foam fluid

Foam fluids not approved by the manufacturer may permanently damage the unit.

Only use the foam fluids listed on www.thomann.de and follow their instructions for use.



NOTICE!

Power supply

Before connecting the device, ensure that the input voltage (AC outlet) matches the voltage rating of the device and that the AC outlet is protected by a residual current circuit breaker. Failure to do so could result in damage to the device and possibly injure the user.

Unplug the device before electrical storms occur and when it is unused for long periods of time to reduce the risk of electric shock or fire.



NOTICE!

Possible staining

The plasticiser contained in the rubber feet of this product may possibly react with the coating of your parquet, linoleum, laminate or PVC floor and after some time cause permanent dark stains.

In case of doubt, do not put the rubber feet directly on the floor, but use felt-pad floor protectors or a carpet.



NOTICE!

Possible damage due to installation of a wrong fuse

The use of different types of fuses can cause serious damage to the unit. Fire hazard!

Only fuses of the same type may be used.

Basic information on the safe operation of foam machines

The device was designed for use in professional event technology and works safely when used properly. Note the following:

- Follow all warnings in this manual.
- Never leave the running device unattended.
- The device is not suitable for use in private households or as a children's toy.
- Place the unit on a stable, fireproof surface at least twice the size of the unit.
- Keep a safe distance of 2 m to the audience.
- During operation, make sure that all persons in the room can still orientate themselves safely.
- During operation, make sure there are no obstacles on the floor in the area where the foam is used.

3 Features

Special features of the device:

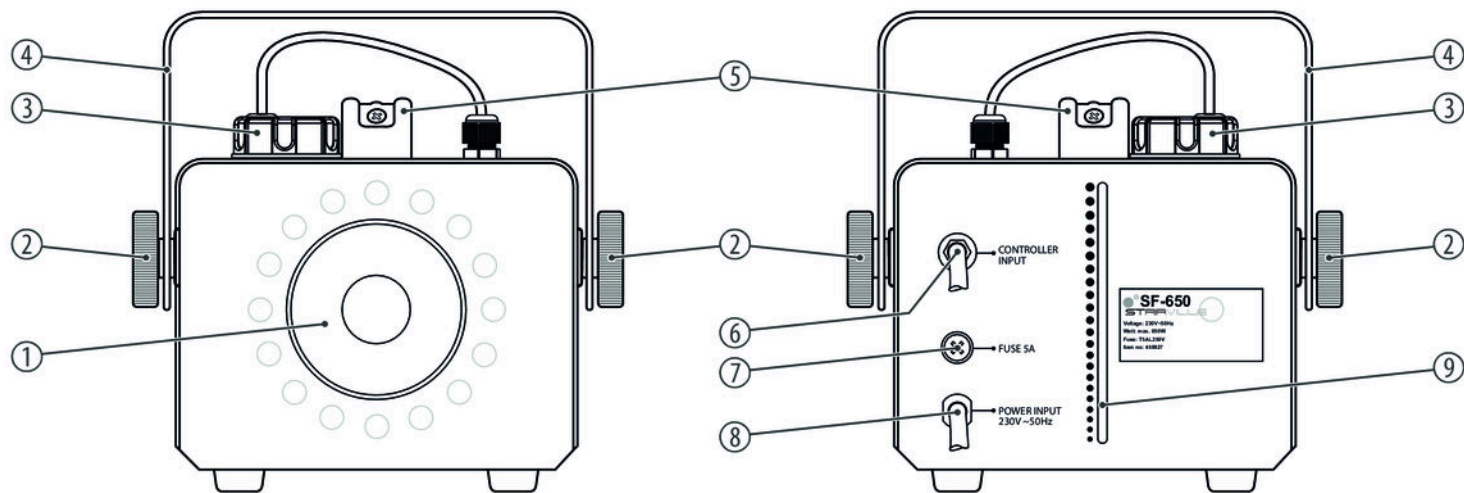
- Compact foam generator with 650 W power
- Creates airy foam
- Continuous output
- Foam ejection range about 3 meters
- Tethered remote control included

4 Installation

Unpack and check carefully there is no transportation damage before using the unit. Keep the equipment packaging. To fully protect the product against vibration, dust and moisture during transportation or storage use the original packaging or your own packaging material suitable for transport or storage, respectively.

Place the unit on a stable, fireproof surface at least twice the size of the unit. The device requires 20 cm clearance at the sides and above. The unit should be installed horizontally, a maximum deviation of 15° is allowed.

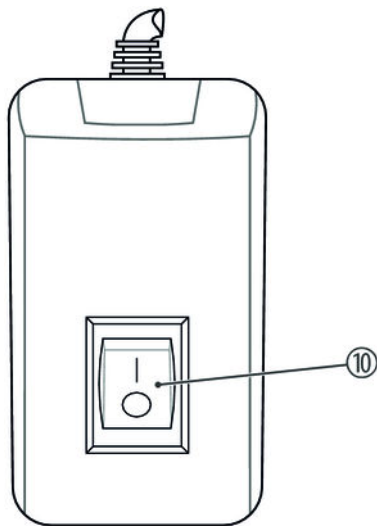
5 Connections and controls



1	Fan nozzle with filter for foam output
2	Locking screws for the bracket
3	Container with screw-cap for foam fluid
4	Bracket
5	Carrying handle
6	<i>[CONTROLLER INPUT]</i> Connection for the tethered remote control
7	<i>[FUSE 5A]</i> Fuse holder
8	<i>[POWER INPUT]</i> Mains cable for power supply
9	Liquid level indicator.

Remote control

10 Main switch. Turns the device on and off.



6 Operating

Filling the unit



NOTICE!

Possible damages caused by unsuitable foam fluid

Foam fluids not approved by the manufacturer may permanently damage the unit.

Only use the foam fluids listed on www.thomann.de and follow their instructions for use.

- 1.** ➤ First, make sure the unit is disconnected from the mains.
- 2.** ➤ Open the screw-cap of the liquid container and fill in the foam fluid. Make sure that no foam fluid is spilled or gets into the device. The easiest way is using a funnel.

The container capacity is 0.9 litre. The level indicator is located on the rear side of the device.
- 3.** ➤ Screw the cap firmly back on.

Switching the device on on off



NOTICE!

Fire hazard

Do not operate the machine unattended.

- 1.** ➤ Connect the device to the power grid.
 - ⇒ The device is operational.
- 2.** ➤ Turn on the device with the main switch on the tethered remote control.
 - ⇒ The fan starts to work. The device now emits foam continuously.
- 3.** ➤ To end foam emission, turn off the device with the main switch on the tethered remote control.

Turning the unit off

➔ Disconnect the device from the mains.



To avoid leaking fluid during transport, you should transport the device only with empty fluid container.

7 Technical specifications

Fan power	650 W	
Fluid container capacity	0.9 l	
Power consumption	650 W	
Operating supply voltage	220 – 240 V ~ 50 Hz	
Fuse	5 mm × 20 mm, 5 A, 250 V, slow-blow	
Protection class	IP20	
Dimensions (W × H × D)	250 mm × 236 mm × 330 mm	
Weight	3.3 kg	
Ambient conditions	Temperature range	0 °C...40 °C
	Relative humidity	50 %, non-condensing

8 Troubleshooting

In the following we list a few common problems that may occur during operation. We give you some suggestions for easy troubleshooting:

Symptom	Remedy
The unit does not work	Check the mains connection and main fuse.
No foam output	1. Check the fluid level of the foam fluid.
	2. Switch off the device and check the suction hose that leads into the fluid container for flow.

If the procedures recommended above do not succeed, please contact our Service Center. You can find the contact information at www.thomann.de.

9 Cleaning

Clean the appliance after every 40 operating hours, or if it was not in use for a longer period of time.

Replace the foam fluid if the device has not been in use for a long time.

Procedure

1. ▶ Make sure the unit is turned off and disconnected from the mains.
2. ▶ Position the unit in a well ventilated place.
3. ▶ Unscrew the screw-cap of the fluid container and insert the suction hose into a container with 2 bis 4 litres of distilled water.
4. ▶ Connect the device to the power grid.
5. ▶ Turn on the device with the main switch on the remote control.
6. ▶ The water is flushed through the hose and exits the fan nozzle. Catch the escaping water with a jar.
7. ▶ When the distilled water has passed, turn off the power.
 - ⇒ The cleaning is completed.

Fan grids

The fan grids of the device must be cleaned of any contamination, such as dust, etc. on a regular basis. Before cleaning, switch off the device and disconnect mains-operated devices from the mains. Only use pH-neutral, solvent-free and non-abrasive cleaning agents. Clean the unit with a slightly damp lint-free cloth.

10 Protecting the environment

Disposal of the packaging material



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling.

Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

Disposal of your old device



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose with your normal household waste.

Dispose of this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.



