

EUROPLAST X120ZT

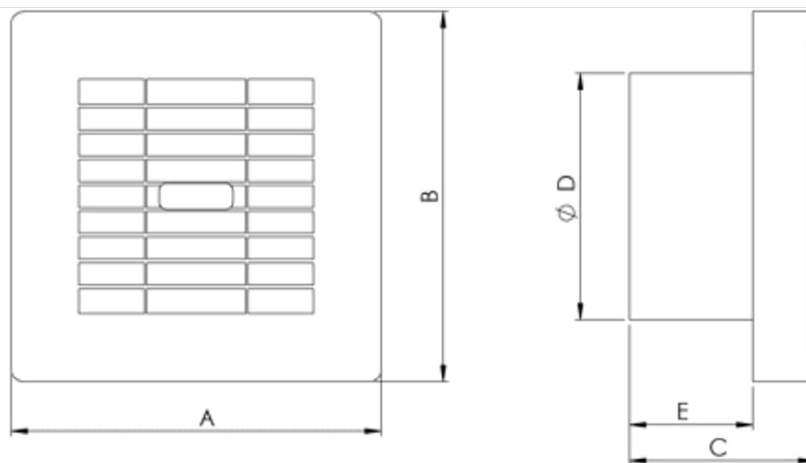
EUROPLAST X120ZT 120mm Bathroom Extractor Fan User Manual

1. PRODUCT OVERVIEW

The EUROPLAST X120ZT is a 120mm extractor fan designed for effective ventilation in bathrooms, kitchens, and garages. It features a minimalist design constructed from high-quality ABS plastic, ensuring durability and a clean aesthetic. This powerful fan is equipped with an electric internal closure (backdraft shutter) and a run-on timer, providing an efficient solution against humidity and unpleasant odors. Its ball-bearing motor allows for versatile wall or ceiling mounting, and it can be integrated with a light switch for convenient operation.

Key Features:

- 120mm diameter for efficient air extraction.
- High-quality ABS plastic construction.
- Integrated electric internal closure (backdraft shutter) to prevent air backflow.
- Adjustable run-on timer for continued operation after switching off.
- Ball-bearing motor for reliable performance and suitability for wall or ceiling mounting.
- Compatible with light switch integration.
- Low noise level for quiet operation.



DIMENSIONS [mm]					
Type	A	B	C	D	E
X100	155	155	96	99	64
X120	177	177	112	119	69

Image 1.1: Front view of the EUROPLAST X120ZT 120mm Bathroom Extractor Fan.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Always disconnect power at the main circuit breaker before attempting any installation, maintenance, or repair.
- **Ventilation:** Ensure adequate ventilation in the room where the fan is installed to prevent backflow of gases from open-flame appliances.
- **Moisture:** Do not install the fan in areas where it may be directly exposed to water spray or submersion.
- **Children and Pets:** Keep packaging materials and small components out of reach of children and pets.
- **Damage:** Do not operate the fan if it is damaged or malfunctioning. Contact customer support for assistance.
- **Intended Use:** This fan is designed for domestic ventilation purposes only. Do not use it for commercial or industrial applications, or for extracting flammable or explosive gases.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation. If any parts are missing or damaged, please contact your retailer.

- EUROPLAST X120ZT Extractor Fan Unit
- Mounting Screws and Wall Plugs
- Instruction Manual (this document)

4. INSTALLATION GUIDE

The EUROPLAST X120ZT fan is designed for easy installation on walls or ceilings. Basic tools are required. Ensure power is disconnected before proceeding.

4.1. Dimensions and Mounting

Refer to the diagram and table below for precise dimensions to ensure proper fit and installation.



Image 4.1: Dimensional drawing and table for X100 and X120 models. For X120ZT, use the X120 row.

Installation Steps:

- 1. Prepare the Opening:** Create a circular opening in the wall or ceiling with a diameter of approximately 119mm (D dimension for X120) to accommodate the fan's spigot.
- 2. Disassemble the Fan:** Carefully remove the front cover of the fan to access the mounting holes and wiring terminal.
- 3. Position the Fan:** Place the fan body into the prepared opening, ensuring it is level.
- 4. Mark Drilling Points:** Mark the positions for the mounting screws through the fan's mounting holes onto the wall/ceiling.
- 5. Drill Holes:** Drill holes at the marked positions using an appropriate drill bit for your wall/ceiling material. Insert wall plugs if necessary.
- 6. Secure the Fan:** Mount the fan body securely to the wall or ceiling using the provided screws.

4.2. Electrical Wiring

WARNING: Ensure power is OFF at the main circuit breaker before wiring. If you are unsure, consult a qualified electrician.

- 1. Access Terminal Block:** Locate the electrical terminal block inside the fan unit.
- 2. Connect Wires:** Connect the electrical supply wires to the terminal block as follows:
 - **Live (L):** Connect the switched live wire (e.g., from a light switch) to the 'L' terminal.
 - **Neutral (N):** Connect the neutral wire to the 'N' terminal.
 - **Switched Live for Timer (LT):** Connect a permanent live wire to the 'LT' terminal if you wish to utilize the timer function. This allows the fan to run on after the main switch is turned off.
- 3. Secure Wiring:** Ensure all connections are tight and secure. Use cable clamps to prevent strain on the wires.
- 4. Reassemble:** Carefully reattach the front cover of the fan.



Type	Voltage [V-Hz]	Power [W]	IP	Speed [rpm]	Air flow [m3/h]	Noise level at 1m [dB(A)]	Temperature min/max [°C]	Weight [kg]
X100	230V-50Hz	19	IP-44	2550	100	39	-25/+40	0,60
X120	230V-50Hz	20	IP-44	2360	150	42	-25/+40	0,69

Image 4.2: Side view of the EUROPLAST X120ZT fan, showing depth for installation.

5. OPERATION

Once installed and wired correctly, the EUROPLAST X120ZT fan is ready for use.

5.1. Basic On/Off

If connected to a light switch or a dedicated fan switch, the fan will activate when the switch is turned ON and deactivate when the switch is turned OFF.

5.2. Timer Function

The X120ZT model includes an adjustable run-on timer. This feature allows the fan to continue operating for a set period after the main switch (e.g., light switch) is turned OFF. The timer duration can typically be adjusted via a small potentiometer located inside the fan unit (usually accessible after removing the front cover). Use a small screwdriver to carefully turn the adjustment screw to set the desired run-on time, usually ranging from 2 to 30 minutes.

Note: The timer function requires a permanent live connection to the 'LT' terminal during wiring.

6. MAINTENANCE

Regular cleaning will ensure optimal performance and longevity of your EUROPLAST X120ZT fan.

1. **Disconnect Power:** ALWAYS turn off the power supply to the fan at the main circuit breaker before performing any

maintenance.

- 2. **Remove Front Cover:** Carefully unclip or unscrew the front grille/cover of the fan.
- 3. **Clean Grille and Impeller:** Use a soft cloth, a mild detergent solution, or a vacuum cleaner with a brush attachment to remove dust and debris from the grille and the fan impeller blades. Do not use abrasive cleaners or solvents.
- 4. **Wipe Housing:** Wipe the exterior housing of the fan with a damp cloth.
- 5. **Reassemble:** Ensure all parts are dry before reattaching the front cover.
- 6. **Restore Power:** Turn the power supply back on at the main circuit breaker.

Frequency: It is recommended to clean the fan every 3-6 months, depending on the level of dust and humidity in the environment.

7. TROUBLESHOOTING

If you encounter issues with your EUROPLAST X120ZT fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply. Incorrect wiring. Faulty switch.	Check circuit breaker. Verify wiring connections (consult electrician). Test or replace switch.
Fan runs continuously (timer not working).	Timer not set correctly. Incorrect wiring (permanent live to 'L' instead of 'LT').	Adjust timer potentiometer. Recheck wiring (consult electrician).
Fan is excessively noisy.	Dust/debris on impeller. Loose mounting. Motor issue.	Clean impeller blades. Tighten mounting screws. Contact customer support.
Poor air extraction.	Blocked grille/duct. Backdraft shutter stuck.	Clean grille and check ducting for obstructions. Inspect and clear backdraft shutter.

If the problem persists after attempting these solutions, please contact EUROPLAST customer support or a qualified technician.

8. TECHNICAL SPECIFICATIONS

Detailed technical data for the EUROPLAST X120ZT fan.



Image 8.1: Technical specifications table for X100 and X120 models. For X120ZT, refer to the X120 row.

Specification	Value (X120ZT)
Brand	EUROPLAST
Model Number	X120ZT
Color	White

Specification	Value (X120ZT)
Diameter	120 mm
Voltage	230V-50Hz
Power	20 Watts
IP Rating	IP-44
Speed	2360 rpm
Air Flow	150 m³/h
Noise Level (at 1m)	42 dB(A)
Operating Temperature	-25/+40 °C
Material	Plastic (ABS)
Item Weight	0.69 kg (690 g)
Product Dimensions (L x W x H)	17.6 x 10 x 17.6 cm
Features	Timer, Switch Compatible
Mounting Type	Wall Mount / Ceiling Mount
Country of Origin	Latvia

9. WARRANTY AND SUPPORT

EUROPLAST products are manufactured to high-quality standards. For information regarding warranty coverage, technical support, or spare parts availability, please refer to the documentation provided with your purchase or contact your retailer. You may also visit the official EUROPLAST website for further assistance.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question