



USER GUIDE

Elve

Outdoor unit

www.thermia.com

The English language is used for the original instructions. Other languages are a translation of the original instructions. (Directive 2006/42/EC)

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1 **Foreword**

Buying a product from Thermia is a statement for the future.

A heat pump utilizes a renewable energy source to provide heating, hot water, and, in some cases, cooling for your home. It is designed to offer a reliable and convenient solution while ensuring effective operations. Thank you for choosing a Thermia product. We appreciate your trust and investment in the future and are with you on this journey for many years to come.

2 Important information

2.1 Safety precautions

Warning



This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the product. Cleaning and user maintenance shall not be made by children without supervision.

Warning



The outdoor unit must only be opened by qualified installers.

Warning



Children are not permitted to play with the product.

Warning



Do not use the product for any other purpose than what it is intended for.

Warning



It is not permitted to carry out construction modifications that may affect the operational safety of the product.

2.2 Scrapping

Appliance disposal

Caution



When the heat pump has reached end-of-life and is subject to scrapping, it should be sent to a recycling/treatment facility to ensure correct handling of disassembly, recycling, and disposal. Local rules and regulations related to correct extraction and disposal of refrigerant and compressor oil must be followed.

Note



After recovering the refrigerant from the cooling circuit, with the intention of decommissioning and/or scrapping, a label has to be attached, visibly, stating the date of the recovery and with a signature of the person who carried out the work.

3 Safety zone

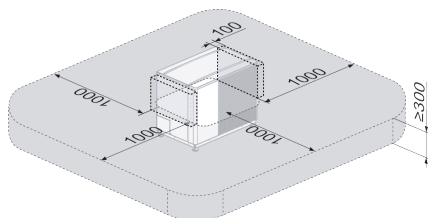


This appliance is charged with R290, a flammable refrigerant. It is important to be aware of the safety zone around the outdoor unit. Always keep this area free from open flames and ignition sources such as barbeque grill, lit cigarettes and so on.

Warning

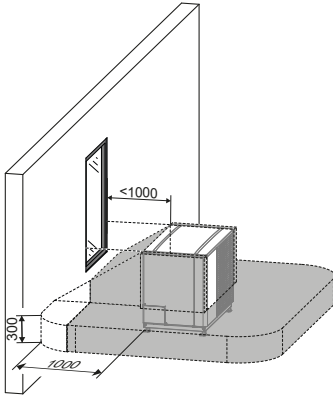


Keep the area around the outdoor unit ignition free and free from open flame. See measures in following pictures.

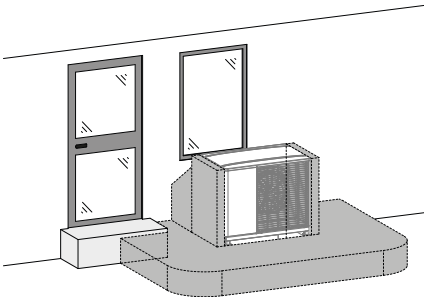


Safety zone when installed in open area.

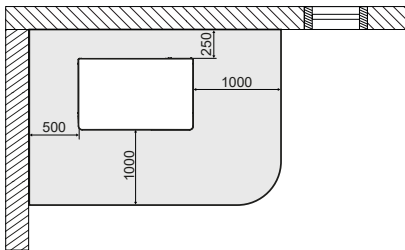
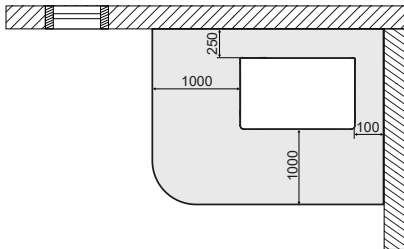
Safety zone when installed in front of a wall.



Safety zone when installed in front of a wall with bracket.



Safety zone when installed a corner of a building.



4 Maintenance

4.1 Outdoor unit cleaning

To maintain a good operating environment for the outdoor unit it is important to keep the area around the outdoor unit clean as well as keeping the outdoor unit clean and free from blocking debris etc.

It is recommended to:

- Perform light cleaning every 1–2 months.
- Perform thorough cleaning 2–3 times per year.

In dusty or high-debris environments it is recommended to shorten the intervals.

Work instruction

Safety

- While performing maintenance and outdoor unit cleaning, turn off the heat pump and isolate power supply if possible.
- Do not use high-pressure equipment.
- Avoid spraying electrical components.
- Remember to restore power supply and turn on the heat pump again after finished maintenance and outdoor unit cleaning.

Clear area (light cleaning)

- Remove leaves, dirt, and debris around the unit.
- Maintain at least the safety zones as of clear space around the outdoor unit. See chapter: **Safety zone for outdoor unit.**
- Ensure air intake and outlet are not blocked.

Clean Heat exchanger fins (thorough cleaning)

- Use a soft brush or vacuum cleaner with brush attachment.
- Clean gently in the direction of the fins.
- Avoid bending or damaging fins.

Rinse unit (light cleaning)

- Use a low-pressure garden hose.
- Rinse from outside toward inside when possible
- Do not use chemicals or soak electrical parts.

Clearing drainage and remove ice (light cleaning)

- Ensure drain holes are clear.
- Remove any ice build-up carefully without sharp tools.

4.2 Service

Service

Contact a qualified technician if performance drops, errors occur, or unusual noise is present.

Annual professional service is recommended.



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