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RESIDENTIAL LIQUID HEATING SYSTEMS

MORE SUSTAINABLE

SAFER

MORE ECONOMICAL



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Compact and Powerful
Residential Heating Solutions

GreenxForm residential liquid-heating units are a compact, plug-and-play heating solution designed to supply residential heating systems.

Thanks to its inductive operating principle, it delivers stable, high performance regardless of outdoor weather conditions.

READY TO USE COMPACT SYSTEM

All the components you need in a single unit easy to set up.

Plug-and-Play Design
Easy installation without the need for additional infrastructure.

Wireless Room Thermostat
Included in the package.

Comfortable Heating
Provides quiet operation and comfortable heating.

Independent of Outdoor Weather Conditions
Consistent heating performance even in cold weather conditions.

Reliable Heating
Uninterrupted operation in challenging climate conditions.

Efficient Operation
Economical heating with demand-based control.



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Uninterrupted Comfort Beyond the Climate

Stable performance and high efficiency even under the most challenging weather conditions.

GreenxForm Home Heating Unit

GreenxForm residential heating units operate independently of outdoor temperatures thanks to their inductive operating principle.
It continues to operate without any loss of performance even under extreme conditions such as the so called Siberian cold where temperatures reach -80°C.

How many kW of electricity do you use in a day?

Example: Heating 100 liters of water from 20 °C to 45 °C and keeping it at that temperature throughout the day

CONDITIONS IN THE EXAMPLE			GXF 7-T + 7 KW
Wet Liquid			100 liters of water
			20 °C → 45 °C (25 °C difference)
STEP 1: HEAT THE WATER TO 45 °C			
Time for the water to reach 45 °C			25 minutes
The electricity consumed during this period			2.9 kW
STEP 2: KEEP THE WATER AT A CONSTANT TEMPERATURE OF 45 °C			
	Good insulation	Medium insulation	Poor insulation
Average power consumption of the device	0.58 kWh	0.87 kWh	1.16 kWh
Electricity consumed in 24 hours	13.92 kW	20.88 kW	27.84 kW
Total daily electricity consumption: The initial heating power is 2.9 kW	13.92 kW	20.88 kW	27.84 kW

The fixed values are averages; they may vary depending on the home's square meters, insulation, and climate conditions.

Conventional Devices

Conventional units stand out for their high efficiency in temperate climates. However, when the outdoor air temperature approaches 4°C, energy consumption increases due to the defrosting process, and efficiency drops below 50%.

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Principle of Safe Work

The GreenXForm residential liquid heating system is designed with safety features that continuously monitor temperature, pressure, and operating status.

Thanks to its compact design and protection-focused system, it offers safe, reliable, and long-lasting performance.



Automatic Protection
With real-time status monitoring, the system protects itself.

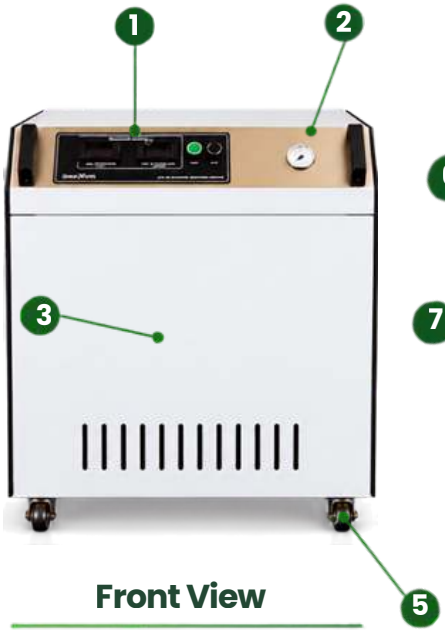
Stable at Low Temperatures
It provides safe heating with constant temperature settings.

Robust Body Structure
Durable and long-lasting design.

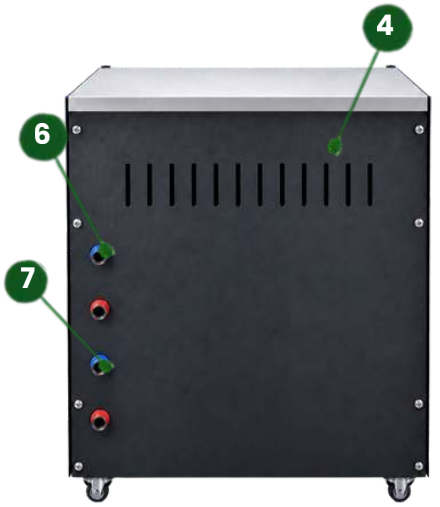
1. **Boiling Point**
   By limiting the temperature to a fixed value, the build-up of dangerous pressure in the system is absolutely prevented.
2. **The Digital Brain That Never Freezes**
   Instead of PLC displays that freeze in cold climates, digital control units that operate flawlessly at sub-zero temperatures (with 1°C accuracy) have been used.
3. **Dry Run Protection**
   When the water runs out in the plumbing system, the system shuts itself off immediately.
4. **Armored Chassis**
   3 mm aluminum body panels (not affected by magnetic fields), chrome plated stainless steel back panel, and carbon steel support frame.

Device Details

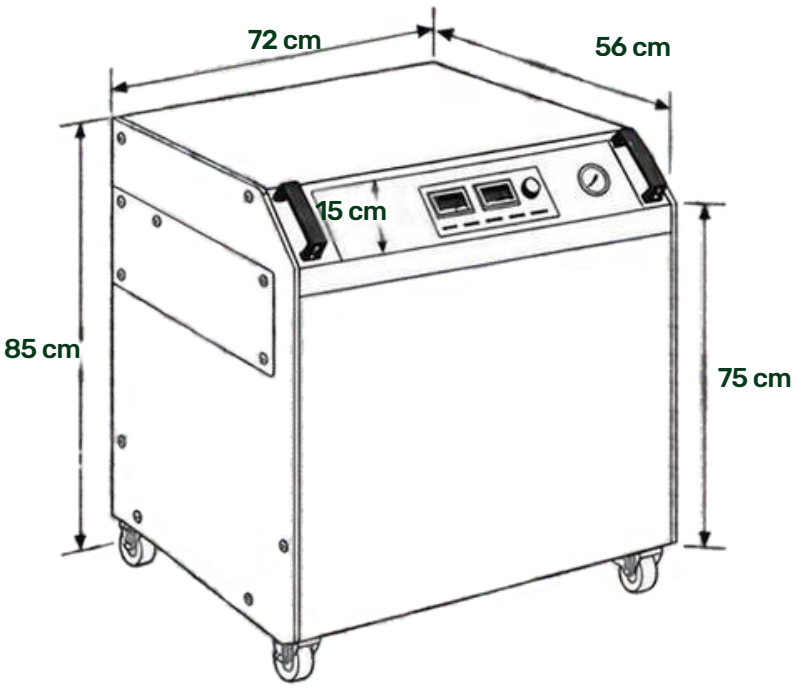
With its compact design, user-friendly control panel, and reliable construction, the GreenXForm residential induction heater offers maximum efficiency and safe operation.



Front View



Rear View



1 Digital control panel
A user-friendly interface for easily monitoring and controlling system operating parameters.

2 Pressure gauge
It enables real-time monitoring of system pressure.

3 Compact body
A single chassis unit that takes up little space for home use.

4 Ventilation ducts
It ensures safe and efficient operation by promoting air circulation inside the device.

5 Wheeled structure
It allows for easy movement during installation and positioning.

6 Water inlet and outlet
Inlet and outlet pipes that heat water for household use and are connected to the hot water system.

7 Radiator Connection
Water supply and return pipes connected to the building's heating system.

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All In One
Compact Heating System

With its compact design, it provides all the essential components you need for your heating system in a single unit.



Internal Circulation Pump
It reduces the need for an external circulation pump in multi story buildings.

No Need for a Boiler or Expansion Tank
When the system starts operating, hot water is produced immediately.

Examine the Product from Every Angle



Left Front View



Right Front View

GXF 7-T

7 kW Residential Heating Solution



- Residential use
- Internal circulation pump
- Wireless room thermostat

Suitable for heating areas up to 450 m².

Key Features

Compact Design
Easy placement in tight spaces.

Ease of Use
Convenient to use with the control panel.

Integrated System
A ready-to-use solution, including a circulation pump.

Residential Solution
It is ideal for homes and similar living spaces.

Standard Package Contents

- Digital control panel
- Circulation pump
- Wireless room thermostat
- Compact wheeled body
- Water Inlet/Outlet Connections

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