

TERMO⁺

Heat pumps

SPLIT
air / water

The most efficient and complete heating solution for homes.



TermoPlus®
Hydrotank



TermoPlus®
Hydrobox





Why choose TermoPlus®



TermoPlus® focuses on overall installation performance, not just the performance of individual components.



One of the longest lasting heat pump brands on the market with units built in 1992 still operational and a 99,5 % reliability score among heat pump owners.



Every single heat pump unit is individually and thoroughly tested before installation.



R&D labs, production facilities and quality control are all based under one roof within the EU with more than 35 heat pump experts and the experience of more than 50.000 heat pumps manufactured to date.



In-house customer support with a guaranteed 24 hour response time. *



Optional extended warranty available for up to 6 years. **



Tailored support is always available for custom systems.

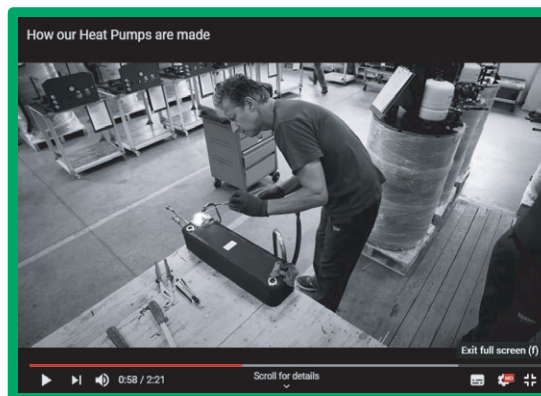


Assistance available for obtaining eco funding through national and other EU schemes. ***

* For maintenance contracts.

** In addition to a 3 year guarantee, we also offer an exclusive 3 year warranty!

*** Limited availability in selected markets.



See how our heat pumps are made

Use the link below or scan the QR code on the left to see the video.
<https://go.termo-plus.com/ha1x>

TermoPlus® Hydrobox and Hydrotank benefits

+ Incredible efficiency and savings

With a heaterless design there is no power requirement for an electric heater. You will enjoy the same comfort without a heating element which would use more energy. The TermoPlus® – Mitsubishi combination with energy efficient inverter technology delivers significant efficiency and unmatched real savings.

✦ Flexible and compatible

The combination is suitable for floor, radiator and fan coil heating in new buildings or as a renovation of existing heating systems. The units can also work in conjunction with an external heat source such as a biomass system, a boiler or a woodstove and take up very little space.

∞ Optimized performance

Performance is boosted in our indoor units but not at the expense of compatibility – the original Mitsubishi weather compensated control is retained along with all features (see details below*). Switching between water and space heating is automatic and adequate capacity is ensured so that a storage tank is not required.

→ Constant availability

You will have uninterrupted hot water with our Hydrotank as it uses an external large-surface condenser that heats water up faster due to its larger heat transfer surface.

:: All-season use

The outdoor units can function at temperatures as low as -25 °C for Ecodans and -30 °C for Zubadans (with full heating capacity even at -15 °C for the Zubadan).

🔊 Quiet and unobtrusive

Both the indoor and outdoor units are extremely quiet and compact. Using a TermoPlus® Hydrotank to replace a Hydrobox / hot water heater also saves space and makes for a seamless, out-of-sight solution.

🌀 Function-packed but easy to use

A multi-functional controller provides optimal management with programmes such as automatic anti-legionella, screed drying, holiday mode and a weekly timer. Web control via app is optionally available and includes an efficiency monitoring feature. Two-zone heating is also available as an option.

✓ Reliable and durable

TermoPlus® units can operate longer than others in harsher conditions due to their larger evaporator and optimized fin spacing. Mitsubishi outdoor units have a proven record of reliability in tough conditions.

🔧 Long lasting and easy to maintain

Maintenance is easy to perform since all components are easily accessible. TermoPlus® Hydrotanks also feature complete anti-corrosion protection through the use of a top quality enamelled water tank with a built-in MG anode.



All original Mitsubishi control features are retained: Auto-defrost, automatic switching between DHW and heating / cooling, automatic anti-legionella program, control of external heating source, DHW and heating timers *, 2 zone control *, floor dry function*, monitoring of consumed and produced energy (COP)* , access via web and mobile app*, master for cascade connection.* (Features followed by * are optional)



High heating efficiency

All TermoPlus® air / water heat pumps score the highest existing energy efficiency classes, whether for radiators or floor heating. The Coefficient Of Performance (COP) is an indicator of the efficiency of the heat pump, as it is the ratio between the amount of heat generated by the heat pump and the energy it consumes for operation. The proper selection and installation of a TermoPlus® heat pump will effectively cover all heating requirements without the need for additional electric heaters.

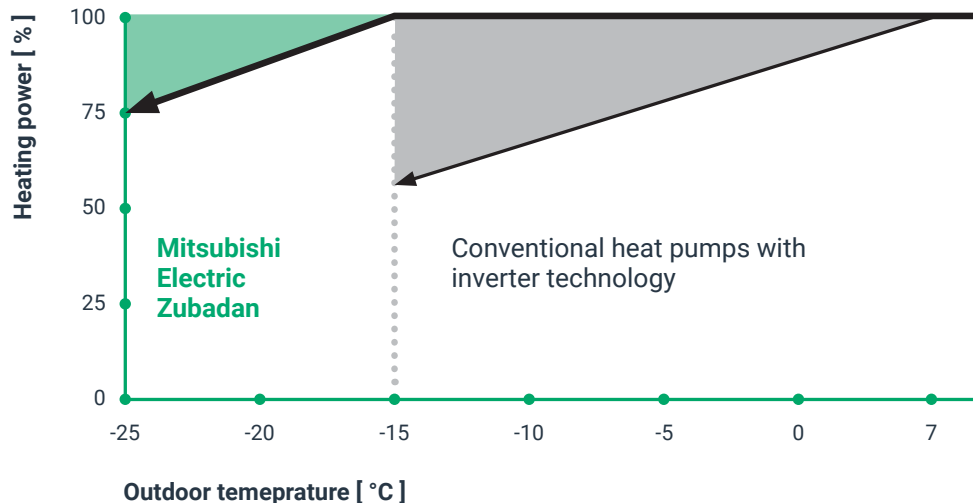


R32

Width	105 cm
Height	104 cm
Depth	48 cm
Volume	0,51 m ³

High heating output at very low outside temperatures

TermoPlus® heat pumps, combined with the Zubadan outdoor unit are also suitable for colder regions as they provide full heating power at an outdoor air temperature of -15 °C. This is due to the unique “Flash Injection” patented technology, which ensures optimal operation even at extreme air temperatures as low as -28 °C. This allows for reliable and comfortable heating even in the case of extremely cold winters.



Outdoor unit (Mitsubishi PUD range)

Contemporary, compact design

The visually upgraded design of the new outdoor unit uses only 0.5 m² of space.

Silent operation (new model)

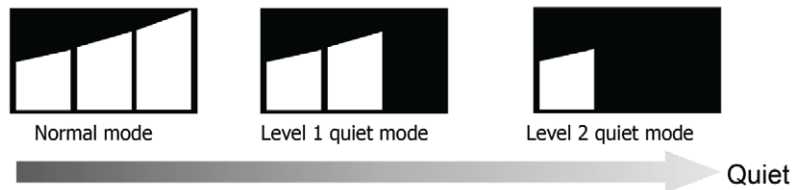
The new generation of external heat pump units by Mitsubishi introduces innovations that achieve extremely quiet operation. Outdoor air / water heat pump units are usually installed along the outer wall of buildings, so it is especially important that they operate quietly in urban areas. Key improvements in compressor volume reduction, air flow optimization through the outdoor unit and vibration absorption have resulted in a 50 % reduction in the unit's noise levels.

New Advantages (latest generation PUZ)*

- New REVERSIBLE split ATW Heat pump
- Heating capacity from 8 to 14 kW
- Longer piping length
- Lower noise level

Silent mode

The new heat pump models have the option of switching to silent mode in three different stages.



MELCloud Wi-Fi control

MELCloud is the new generation of Cloud based control. MELCloud provides users with effortless control of your devices whether you are out or are just lying on your sofa at home. MelCloud also provides real-time monitoring of the system's energy usage as well as remote operation of the heat pump system.

Recommendations for installing an R32 outdoor refrigerant unit

R32 is classified as a "slightly flammable" refrigerant. A possibility of combustion may exist in the event leakage occurs, as a concentration indoors is a possible source of ignition. To ensure the safe operation under all possible conditions, a few recommendations need to be followed. The outdoor unit preferably should be installed so that at least one side of the room is fully open.

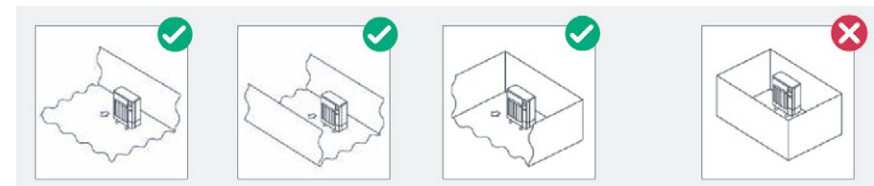
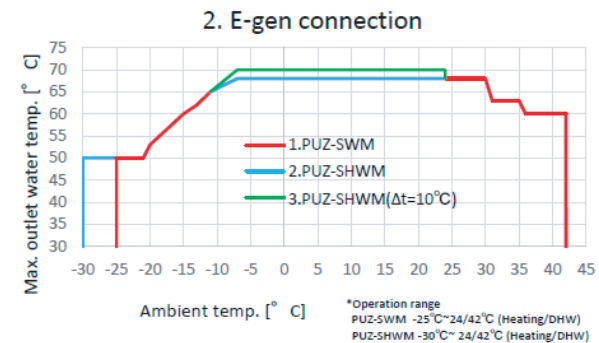
Unique for a reason

The outdoor units are unique as they are the only ones on the market that provide heating power up to 14 kW using R32 refrigerant in a split configuration. This separate design, prevents water in the system from freezing. This keeps your heat pump safe from water freezing and unnecessary damage.

Operating range and max flow temperature

- Max water flow temperature = 70 °C @ -7 °C ($\Delta T = 10$ °C)
- Max DHW temperature = 65 °C
- Extended operating range

-30 °C ~ +24 °C	heating (SHWM)
+10 °C ~ +52 °C	cooling
-30 °C ~ +42 °C	DHW (SHWM)





EASY INTEGRATION

1. Outdoor unit: Zubadan or Ecodan
2. Indoor Hydrotank unit or
3. Indoor Hydrobox unit + domestic hot water tank (if needed)
4. Floor / wall heating
5. Radiators
6. Domestic hot water



Operates at temperatures as low as **-30°C** with the Zubadan outdoor unit.



Additional heaters are **not required** when using units of the correct size.

Internal units



Hydrobox

Internal wall-mounted unit for heating and cooling without domestic hot water (DHW).

- Built-in weather-compensated Mitsubishi Electric control.
- Efficient operation without additional internal heaters.
- Automatic switching between hot water and heating water.
- In addition to heating, cooling* is possible with fan coils.
- Multi-functional controller with programmes such as automatic anti-legionella, floor drying, holiday mode and weekly timer.
- Flexible installation, ideal when space is limited.



Hydrotank

Free-standing internal unit for heating and cooling with domestic hot water (DHW).

In addition to the advantages of the Hydrobox model, the Hydrotank model also offers:

- Domestic hot water heating.
- Convenient installation: all key components are in one unit.
- Suitable installation: all important parts are located inside the unit.
- Simple and clean installation: the unit takes up little space, and connecting the installation is significantly simplified.
- Easy access for maintenance.

STEP **1** Choose the best external unit

Outdoor Units ECO INVERTER (SUZ Series)



MITSUBISHI ELECTRIC ECO INVERTER

- Suitable for cold regions, the system operates down to -25°C.
- No risk of freezing even in case of a power outage.
- Ideal for upgrading old heating systems (utilizing existing radiators).
- Compatible with all heating systems (underfloor, wall, fan coil, or radiators).
- Inverter technology achieves optimal results.
- Output power is adjusted up to 100% of the building's heat loss, minimizing energy surplus and storage needs.
- The system can be combined with a boiler or solar system.
- Additional heaters are not needed, resulting in greater savings.
- Lower energy consumption due to optimized defrosting.
- Regulation based on outdoor temperatures optimizes system performance.

Also suitable for apartments

Also enables cooling

	ECO INVERTER	Energy Class W35	Energy Class W55	Energy Class DHW SV	ηs [%] *	Heating A7/35 kW/COP	Heating A2/W35 kW/COP	Cooling A35/W18 kW/COP	Operation at Outdoor Temperature [°C]	Recommended Fuse [A]	Power Supply	Refrigerant	Unit Dimensions (H x W x D) [mm]
NEW	SUZ-SWM40VA2	A+++	A++	A+	200	3,00 / 5,11	4,00 / 3,90	5,60 / 4,71	-25 / 35	1 x 16	1F/230V/50Hz	R32	800 x 714 x 285
NEW	SUZ-SWM60VA2	A+++	A++	A+	189	5,00 / 4,85	6,00 / 3,62	6,00 / 4,65	-25 / 35	1 x 16	1F/230V/50Hz	R32	800 x 714 x 285
NEW	SUZ-SWM60VAH	A+++	A++	A+	178	5,00 / 4,95	6,00 / 3,47	6,00 / 5,21	-25 / 35	1 x 20	1F/230V/50Hz	R32	880 x 840 x 330
NEW	SUZ-SWM80VA2	A+++	A++	A+	187	6,00 / 5,10	7,50 / 3,50	6,70 / 5,06	-25 / 35	1 x 20	1F/230V/50Hz	R32	880 x 840 x 330
NEW	SUZ-SWM80VAH2	A+++	A++	A+	178	6,00 / 5,10	7,50 / 3,31	6,70 / 5,06	-25 / 35	1 x 20	1F/230V/50Hz	R32	880 x 840 x 330
NEW	SUZ-SWM100VAH	A+++	A++	A+	177	7,50 / 4,85	9,00 / 3,00	8,10 / 4,44	-25 / 35	1 x 20	1F/230V/50Hz	R32	880 x 840 x 330

* Seasonal energy efficiency of space heating under average climatic conditions (operation at lower temperatures).

External units ZUBADAN (PUD series)



MITSUBISHI ELECTRIC ZUBADAN

- Suitable for colder climates, the system works down to -28 °C and offers constant heating power even at -15 °C.
- There is no risk of the system freezing, even in the event of a power failure.
- Also suitable for renovation of older heating systems (using existing radiators).
- Compatible with all heating systems (floor, wall, fan coil or radiator heating).
- Energy-efficient inverter technology provides optimum output power.
- The output thermal power is adapted to 100 % of the heat losses of the building, minimizing surpluses and in most cases the need for thermal storage.
- The system can be combined with a boiler or a solar system.
- No additional heaters are necessary when designed correctly, resulting in greater savings.
- Lower consumption due to optimized defrosting.
- Weather-compensated control optimizes performance depending on the outside temperature.



Great solution for renovation.
Preserve existing radiators!

ZUBADAN	Energy class W35	Energy class W55	Energy class SV	Heating Power A7/35 kW/COP	Heating Power A2/W35 kW/COP	Heating Power A-15/W35 kW/COP	Cooling Power A35/W18 kW/COP	Operating range °C	Recommended fuse	Power Supply	Refrigerant	Unit dimensions H x W x D [mm]
PUD-SHWM80VAA	A+++	A++	A+	8,9 / 4,60	8,0 / 3,75	8,0 / 2,66	/	-28 / 35	1 X 25 A	1F/230V/50Hz	R32	1020 x 1050 x 480
PUD-SHWM80YAA	A+++	A++	A+	8,9 / 4,60	8,0 / 3,75	8,0 / 2,66	/	-28 / 35	3 X 16 A	3F/400V/50Hz	R32	1020 x 1050 x 480
PUD-SHWM100YAA	A+++	A++	A+	10,9 / 4,65	10,0 / 3,45	10,0 / 2,65	/	-28 / 35	3 X 16 A	3F/400V/50Hz	R32	1020 x 1050 x 480
PUD-SHWM120YAA	A+++	A++	A+	12,9 / 4,10	12,0 / 3,30	12,0 / 2,45	/	-28 / 35	3 X 16 A	3F/400V/50Hz	R32	1020 x 1050 x 480
PUHZ-SHW230YKA2	A++	A++	A	23,00 / 3,65	23,00 / 2,37	22,90 / 2,20	20,00 / 3,55	-25 / 35	3 x 32 A	3F/400V/50Hz	R410A	1350 x 1050 x 330

External units ECODAN (PUZ series)



R32

MITSUBISHI ELECTRIC ECODAN

- Suitable for cold climate conditions, as they operate even at -25°C.
- Expanded operating range up to 42°C ensures uninterrupted heating of sanitary water even in summer.
- In case of a power outage, there is no risk of unit freezing.
- Also suitable for renovating older heating systems (utilizing existing radiators).
- Compatible with all heating systems (underfloor, wall, fan coil, or radiator heating).
- Energy efficient due to inverter technology ensuring optimal output power.
- Two-stage noise reduction capability, lowering the outdoor unit's noise level by up to 9 dB.
- Also enables cooling.
- The system can be combined with battery storage and/or solar power plants.
- If the system is properly designed, additional heaters are not needed, resulting in greater savings.
- Optimized defrosting reduces energy consumption.
- Temperature-compensated control optimizes performance based on outdoor temperature.



ECODAN

		Energy class W35	Energy class W55	Energy class SV	Heating Power A7/35 kW/COP	Heating Power A2/W35 kW/COP	Heating Power A-15/W35 kW/COP	Operating range °C	Recommended fuse [A]	Power Supply	Refrigerant	Unit dimensions H x W x D [mm]
NEW	PUZ-SWM80VAA	A+++	A++	A+	6,0 / 5,00	8,0 / 3,65	7,3 / 2,53	-25 / 42	1 x 20	1F/230V/50Hz	R32	1040 x 1050 x 480
NEW	PUZ-SWM80YAA	A+++	A++	A+	6,0 / 5,00	8,0 / 3,65	7,3 / 2,53	-25 / 42	3 x 16	3F/400V/50Hz	R32	1040 x 1050 x 480
NEW	PUZ-SWM100VAA	A+++	A++	A+	8,0 / 5,00	10,0 / 3,45	9,0 / 2,22	-25 / 42	1 x 25	1F/230V/50Hz	R32	1040 x 1050 x 480
NEW	PUZ-SWM100YAA	A+++	A++	A+	8,0 / 5,00	10,0 / 3,45	9,0 / 2,22	-25 / 42	3 x 16	3F/400V/50Hz	R32	1040 x 1050 x 480
NEW	PUZ-SWM120YAA	A+++	A++	A+	10,0 / 4,85	12,0 / 3,25	10,4 / 2,12	-25 / 42	3 x 16	3F/400V/50Hz	R32	1040 x 1050 x 480
NEW	PUZ-SWM140YAA	A+++	A++	A+	12,0 / 4,80	14,0 / 3,24	12,0 / 1,90	-25 / 42	3 x 16	3F/400V/50Hz	R32	1040 x 1050 x 480

External units ZUBADAN (PUZ series)



R32



**Great solution for renovation.
Preserve existing radiators!**

MITSUBISHI ELECTRIC ZUBADAN

- Suitable for cold climates, operating at temperatures as low as -30°C while maintaining continuous heating capacity down to -15°C.
- Expanded operating range up to 42°C ensures uninterrupted domestic hot water (DHW) heating even in summer.
- In the event of a power outage, there is no risk of unit freezing.
- Also ideal for upgrading older heating systems (utilizing existing radiators).
- Compatible with all heating systems (underfloor heating, wall heating, fan coil units, or radiators).
- Energy-efficient due to inverter technology, which ensures optimal power output.
- Provides both heating and cooling capabilities.
- The system can be integrated with thermal storage tanks and/or solar power systems.
- When properly designed, additional electric heaters are not required, resulting in greater energy savings.
- Optimized defrosting technology reduces energy consumption.
- Temperature-compensated control optimizes system performance based on outdoor conditions.
- Two-stage noise reduction reduces the outdoor unit's noise level by up to 9 dB.



ZUBADAN

		Energy class W35	Energy class W55	Energy class SV	Heating Power A7/35 kW/COP	Heating Power A2/W35 kW/COP	Heating Power A-15/W35 kW/COP	Operating range °C	Recommended fuse [A]	Power Supply	Refrigerant	Unit dimensions H x W x D [mm]
NEW	PUZ-SHWM80VAA	A+++	A++	A+	6,0 / 5,05	8,0 / 3,75	8,0 / 2,69	-30 / 42	1 x 25	1F/230V/50Hz	R32	1040 x 1050 x 480
NEW	PUZ-SHWM80YAA	A+++	A++	A+	6,0 / 5,05	8,0 / 3,75	8,0 / 2,69	-30 / 42	3 x 16	3F/400V/50Hz	R32	1040 x 1050 x 480
NEW	PUZ-SHWM100YAA	A+++	A++	A+	8,0 / 5,00	10,0 / 3,50	10,0 / 2,63	-30 / 42	3 x 16	3F/400V/50Hz	R32	1040 x 1050 x 480
NEW	PUZ-SHWM120YAA	A+++	A++	A+	10,0 / 4,85	12,0 / 3,30	12,0 / 2,42	-30 / 42	3 x 16	3F/400V/50Hz	R32	1040 x 1050 x 480
NEW	PUZ-SHWM140YAA	A+++	A++	A+	12,0 / 4,80	14,0 / 3,24	14,0 / 2,17	-30 / 42	3 x 16	3F/400V/50Hz	R32	1040 x 1050 x 480

TermoPlus®

Hydrotank



TermoPlus®

Hydrobox



STEP 2 Choose the best indoor unit

	Model	Unit dimensions H x W x D [mm]	Circulation pump	Expansion tank	Expansion tank DHW	Tank volume	Water pipe connection [mm]
NEW	Hydrobox R7	830 x 510 x 330	25 / 1-7	✓	x	x	28
NEW	Hydrobox R10	830 x 510 x 330	25 / 1-7	✓	x	x	28
	Hydrobox R14	830 x 510 x 330	25 / 1-7	✓	x	x	28
NEW	Hydrobox P14	830 x 510 x 330	25 / 1-7	✓	x	x	28
	Hydrobox N23	830 x 510 x 330	25 / 1-8	x	x	x	35
NEW	Hydrotank R7 200	2010 x 721 x 716	25 / 1-7	✓	✓	200 L	28
NEW	Hydrotank R10 200	2010 x 721 x 716	25 / 1-7	✓	✓	200 L	28
NEW	Hydrotank R14 200	2010 x 721 x 716	25 / 1-7	✓	✓	200 L	28

STEP 3 Check the compatibility of the units

Model	SUZ-SWM40VA2	SUZ-SWM60VA2	SUZ-SWM60VAH	SUZ-SWM80VA2	SUZ-SWM80VAH2	SUZ-SWM100VAH	PUD-SHWM80VAA	PUD-SHWM80YAA	PUD-SHWM100YAA	PUD-SHWM120YAA	PUHZ-SHW230YKA2	PUZ-SWM80VAA	PUZ-SWM80YAA	PUZ-SWM100VAA	PUZ-SWM100YAA	PUZ-SWM120YAA	PUZ-SWM140YAA	PUZ-SHWM80VAA	PUZ-SHWM100YAA	PUZ-SHWM120YAA	PUZ-SHWM140YAA	
Hydrobox R7	●	●	●	●	●	●																
Hydrobox R10												●	●	●	●	●		●	●	●		
Hydrobox R14																	●					●
Hydrobox P14							●	●	●	●												
Hydrobox N23											●											
Hydotank R7 200	●	●	●	●	●	●																
Hydotank R10 200							●	●	●	●		●	●	●	●	●		●	●	●		
Hydotank R14 200																	●					●

STEP 4 Select Additional Features



Wi-Fi Module

By installing a wireless adapter, the heat pump can be controlled remotely via the MELCloud application, even when you are not at home. The application allows you to adjust the basic operating parameters of the heat pump. One of its key features is monitoring heat output, power consumption, and overall system efficiency.



Cascade Control

Cascade control enables the integration and operation of up to six heat pumps within a single system. This setup allows for a maximum combined heating capacity of 138 kW. Such a system is ideal for residential buildings, hotels, industrial facilities, and other commercial applications.



Remote Control

Wireless remote control simplifies heat pump operation from the comfort of your home. The device is portable and functions in any space without requiring additional installation. An integrated sensor continuously monitors room temperature, ensuring optimal indoor comfort.

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About us



Creating
Comfort

Termo Shop, d.o.o., is a leading Slovenian company specializing in the development, production, sales, and installation of high-quality, energy-efficient heat pumps and other renewable energy solutions. Our products offer significant heating cost savings while reducing environmental impact.

We understand that today's market offers countless options for customers looking for efficient and sustainable home heating solutions. That's why, in recent years, we have placed great emphasis on developing our new brand, TermoPlus®.



TRADITION

We are a family-owned company that has been creating satisfied customers for three decades. From being a pioneer in the heat pump industry, we have evolved into a provider of comprehensive energy solutions. **The loyalty of our customers inspires us to continue our tradition.**



PROACTIVITY

We take initiative in solving challenges and supporting each other. We do everything possible to achieve maximum customer and team satisfaction. Additionally, we offer our customers the option of **Green Financing**.



EXPERTISE

Knowledge and experience are the foundation of our expertise. Through continuous education and training, we ensure that our professionalism remains at the highest level. We are proud to have received the highest **Platinum Credit Excellence AAA** rating for the third consecutive time.



RESPONSIBILITY

We have our own service network and installation teams. We perform our work carefully and diligently, acting responsibly toward our customers and colleagues. We take full accountability for our actions.



QUALITY

We are a Slovenian **holder of the ISO 9001 quality certificate** for the development, production, and sales of heat pumps, as well as for installation, servicing, and project planning. We are committed to selecting only the highest-quality products and services because, for us, only the best is good enough for our customers.



EFFICIENCY

In our work, we always find the best solutions in the optimal time. We are efficient in problem-solving for customers, executing tasks, and collaborating with one another. We are also proud recipients of the ITM Award.



VISION

We proactively integrate renewable energy sources into an efficient and secure future.



PARTNERSHIP APPROACH

A partnership approach is our core value. We build it on respect, trust, a personal touch, and understanding. Our clients are exceptionally satisfied.

The heat pump for heating with the longest warranty in Slovenia.

We have been manufacturing heat pumps for three decades. Because we trust our knowledge, experience, and technology, and because we thoroughly understand what we offer, we provide **the longest warranty in Slovenia – the 6+ WARRANTY.**

The first and only Slovenian company with a prestigious award

Design plus powered by ISH

We are the first and only Slovenian company in the last ten years to receive the prestigious "Design Plus powered by ISH" award. This recognition is granted by a **demanding expert jury**, composed of top international specialists from various fields.

Our new and upgraded **TermoPlus® Hydrotank** impressed with its elegance, minimalist design, and comprehensive solution—featuring high efficiency, built-in advanced weather-guided regulation, and internet-based control capabilities.



TERMO+

Heat pumps



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