

Why decide for Termo Shop?

Own production,
installation, technical
support and assistance

For over 21 years, our company Termo Shop has intensively been working on the development and production of heat pumps for water and space heating, custom design heat pumps and refrigeration devices for the clarification of young wine (must) and cooling of wine. A team of flexible and qualified employees represents the basis of our company, built on knowledge, experience, constant research and development of the leading-edge technology. We sometimes call ourselves a boutique European heat pump factory.

- 1 The main focus of our company is reliability and quality of the products, therefore we have our own laboratory, where developing and testing of new products takes place.
- 2 At the end of the production line all products are 100% tested and controlled. The testing is carried out for the entire lifespan of a heating system.
- 3 We have more than 25 well experienced experts in our company in different fields.
- 4 We are constantly investing our money into knowledge of our people and development of our company.
- 5 We can adopt our offer to your needs and capabilities.
- 6 In the production of heat pumps we only use high-quality components by recognized manufacturers, such as: Danfoss, Electrolux, Luve, Copeland, Swep, Alfa Laval, Honeywell, Ziehl Abegg, Alco, Tecumseh, Grundfos, Wilo, etc.
- 7 We have assured the possibility to use natural energy resources to over 30.000 users.
- 8 With up to 280.000 kilometers driven through the whole Europe we save our clients up to 34 of their heating costs.

Heating the future

Termo Shop is a leading Slovenian developer and manufacturer of premium-quality, energy-saving heat pump solutions with focus on a high ROI (return of investment), providing low-level energy consumption and benefits to the environment.

Our house is heated by the heat pump Mitsubishi Zubadan. At the beginning i couldn't believe that the system can operating with 100 % heating power – even at -15 ° C! Heating costs have dropped by 69 %. Their work was done professionally and as promised!

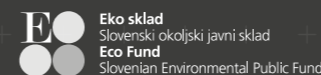
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**TERMO
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It supports environmental investments that are consistent with the National Environmental Action Plan and the environmental policy of the European Union.



Since April 2010, Termo Shop is a proud member of the EHPA.



Termo Shop is ISO 9001 certified company - Quality management system for development, production and service of heat pumps.



Excellent SME is a business performance certificate issued in cooperation with the renowned credit rating agency COFACE to the most successful small and medium companies in Slovenia.

**TERMO
SHOP**
SINCE 1992.

TERMO+
A BRAND OF TERMO SHOP



AIR / WATER HEAT PUMP TERMO+



Mitsubishi Electric outdoor unit Power Inverter or Zubadan, Termo+ indoor unit Hydrobox or Hydrotank

Advantages of Mitsubishi Electric Power Inverter

- Heating operation down to **-20°C**,
- suitable for renovation of existing heating systems (radiators, ...),
- **energy efficient inverter technology**,
- ensures adequate capacity in relation to heat loss of object (storage tank is not required),
- **suitable for floor, radiator and fan coil heating**,
- can be operated in combination with external heating source,
- **additional electrical heater is not required**,
- optimized defrost,
- **weather-compensated control**.

Advantages of Mitsubishi Electric Zubadan

- **Full heating capacity even at -15°C**,
- heating operation down to **-28°C**,
- **suitable for renovation of existing heating systems (radiators, ...)**,
- energy efficient inverter technology,
- **ensures adequate capacity in relation to heat loss of object (storage tank is not required)**,
- suitable for floor, radiator and fan coil heating,
- **can be operated in combination with external heating source**,
- additional electrical heater is not required,
- **optimized defrost**,
- weather-compensated control.

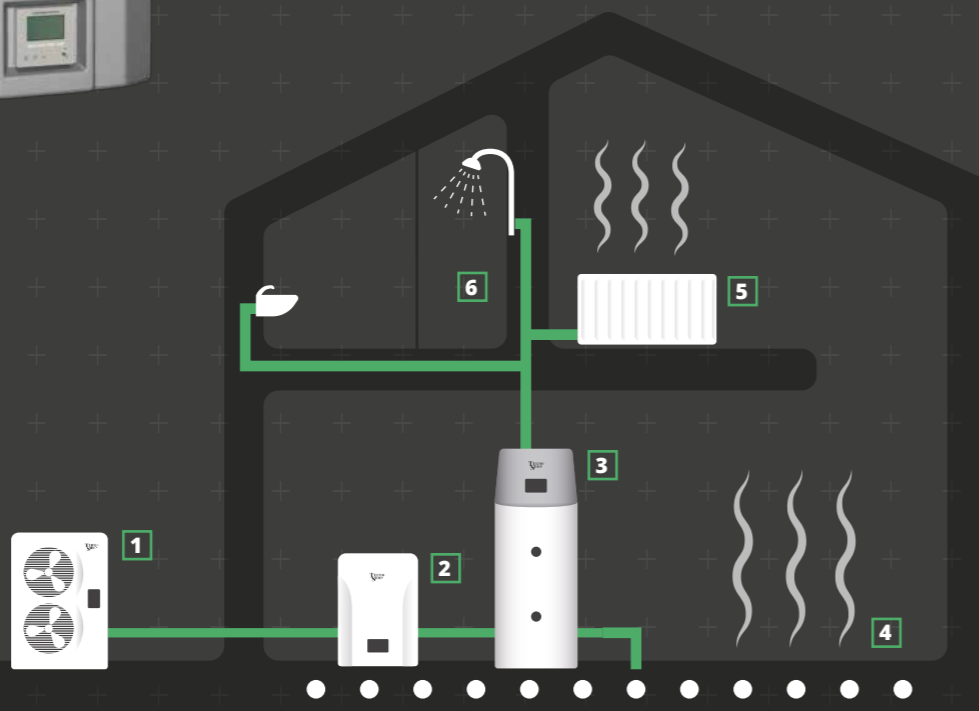


-28 °C Operation down to **-28 °C**

! Without electric heater

EASY INSTALLATION

- 1 Outdoor unit Zubadan or Power Inverter
- 2 Indoor unit Hydrobox without DHW tank or Hydrotank with integrated DHW tank
- 3 Underfloor heating (floor / ceiling)
- 4 Radiators
- 5 Domestic hot water



Termo+ Hydrobox: indoor wall unit without DHW tank

- **Original Mitsubishi weather-compensated control**,
- operates without additional internal electric heaters,
- **automatic switch between DHW water and space heating**,
- control of two heating zones*,
- **supports heating and colling**,
- automatic antilegionela program,
- **variety of programs (holiday, floor drying, ...)***
- possibility of flexible installation, requires less space,
- **web control***,
- energy (COP) monitoring*.

*optional

Termo+ Hydrotank: indoor floor compact unit with integrated DHW tank

In addition to advantages of Hydrobox

- **All key parts are integrated in one unit**,
- installation requires little space, maintenance is simplified,
- **simple and fast installation**.



Outdoor units Mitsubishi Electric

POWER INVERTER HEATING OPERATION DOWN TO -20°C; MAX. TEMPERATURE OF HEATING WATER: 60°C

	Energy Class W35	Energy Class W55	Energy Class SV	Heating power A7/W35 kW/COP	Heating power A2/W35 kW/COP	Heating power A-15/W35 kW/COP	Cooling power A35/W18 kW/COP	Operating range	Recommended fuse	Power supply	Dimensions of outdoor unit H x L x W (mm)
PUHZ-SW40VHA	A++	A++	A	4,1 / 4,80	3,5 / 3,63	3,1 / 2,26	3,6 / 4,65	-15+35	1x16A	1F/230V/50Hz	600x800x300
PUHZ-SW50VHA	A++	A++	A	6,0 / 4,42	4,5 / 3,65	3,46 / 2,19	5 / 3,96	-15+35	1x16A	1F/230V/50Hz	600x800x300
PUHZ-SW75VHA	A++	A++	A	8 / 4,40	7 / 3,77	7,2 / 2,18	7,1 / 4,01	-20+35	1x25A	1F/230V/50Hz	943x950x330
PUHZ-SW100YHA	A++	A++	A	11,2 / 4,45	9 / 3,69	8,17 / 2,33	10 / 4,35	-20+35	3x16A	3F/400V/50Hz	1350x950x330
PUHZ-SW120YHA	A++	A++	A	16,0 / 4,10	11,0 / 3,67	9,55 / 2,27	14 / 4,08	-20+35	3x16A	3F/400V/50Hz	1350x950x330
PUHZ-SW160YHA	A++	A++	A	22,0 / 4,20	16,0 / 3,11	11,6 / 2,37	18,0 / 4,28	-20+35	3x32A	3F/400V/50Hz	1350x1050x330
PUHZ-SW200YHA	A++	A++	A	30,9 / 4,40	22,3 / 3,16	13,45 / 2,30	22,0 / 4,10	-20+35	3x32A	3F/400V/50Hz	1350x1050x330

**ZUBADAN HEATING OPERATION DOWN TO -28°C;
MAX. TEMPERATURE OF HEATING WATER: 60°C; 100 % HEATING CAPACITY UP TO -15°C**

	Energy Class W35	Energy Class W55	Energy Class SV	Heating power A7/W35 kW/COP	Heating power A2/W35 kW/COP	Heating power A-15/W35 kW/COP	Cooling power A35/W18 kW/COP	Operating range	Recommended fuse	Power supply	Dimensions of outdoor unit H x L x W (mm)
PUHZ-SHV80VHA	A++	A++	A	8,0 / 4,65	8,0 / 3,83	8,0 / 2,67	7,1 / 4,52	-28+35	1x32A	1F/230V/50Hz	1350x950x330
PUHZ-SHV112YHA	A++	A++	A	11,2 / 4,46	11,2 / 3,72	11,2 / 2,55	10 / 4,74	-28+35	3x16A	3F/400V/50Hz	1350x950x330
PUHZ-SHV140YHA	A++	A++	A	14,0 / 4,22	14,0 / 3,41	14,0 / 2,32	12,5 / 4,26	-28+35	3x16A	3F/400V/50Hz	1350x950x330
PUHZ-SHV230YHA*	A++	A++	A	23,0 / 3,65	23,0 / 2,89	22,7 / 2,21	20,0 / 3,55	-28+35	3x32A	3F/400V/50Hz	1350x1050x330

* Heating operation down to -15°C

Indor units TERMO+

Indoor unit	Dim. of indoor unit H x L x W	Circulation pump	Expansion vessel	DHW tank	Pipe connection for water
TERMO+ Hydrobox MZ	820x500x350	25/1-7	✓	×	28 mm
TERMO+ Hydrobox MZ 23*	820x500x350	25/1-8	×	×	35 mm
TERMO+ Hydrotank MZ	1710xφ750	25/1-7	✓	300 l	28 mm
TERMO+ Hydrotank MZ 23*	1710xφ750	25/1-8	×	300 l	35 mm