



Emmeti Home System

Innovation, comfort and energy saving

Information leaflet | Edition EN03

EN

PURMO

GROUP

Our home

Emmeti's goal is to offer you maximum comfort at all times in a healthy, pleasant setting by providing you with cutting-edge, user-friendly systems that successfully combine the best performance with the greatest energy savings and respect for the environment.

As a result, we look beyond each individual product, offering a wide range that combines innovative design, technological content and extensive technical and industrial experience.

This expertise is the result of decades of experience pushing the boundaries of technology to enable us to provide integrated systems.

Let's create the great indoors





comfort delivered by **EMMETI**



1

Emmeti Sun

Photovoltaic system



2

MIRAI - SMI + FEBOS 4.0

Heat pump



3

Cleaneco

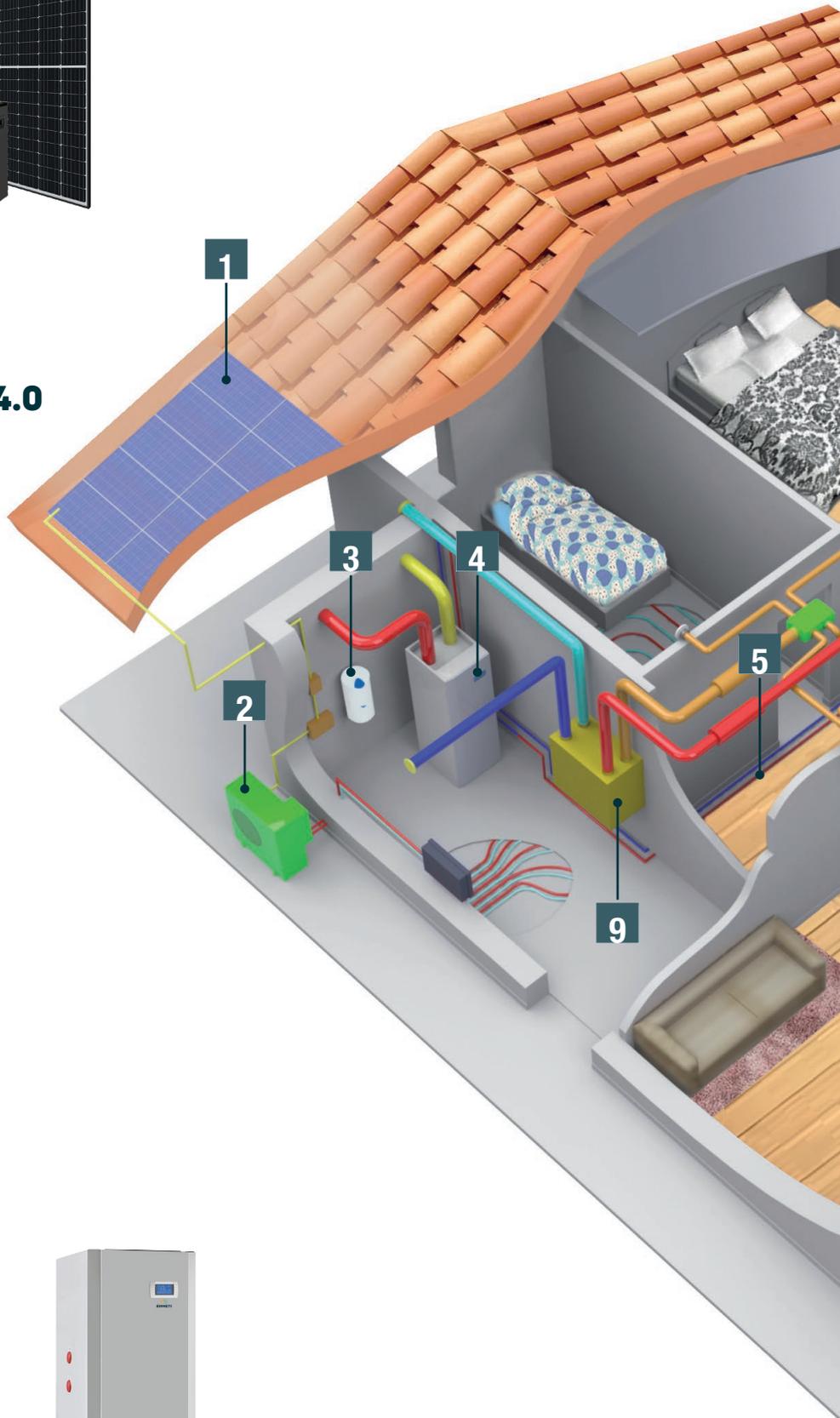
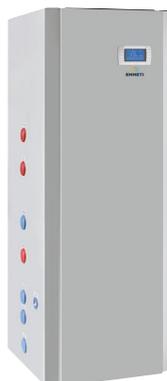
Centralized vacuum cleaner



4

Eco Hot Water

Heat pump water heater



5

Emmeti Gerpex

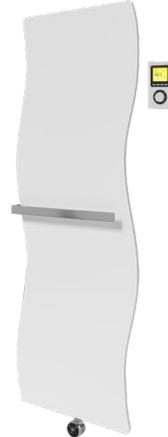
Hot-cold water and heating distribution system



6

Figuresse

Design electric
towel warmers



7

Silence Thin

Fan coil unit



8

Emmeti Clima Floor

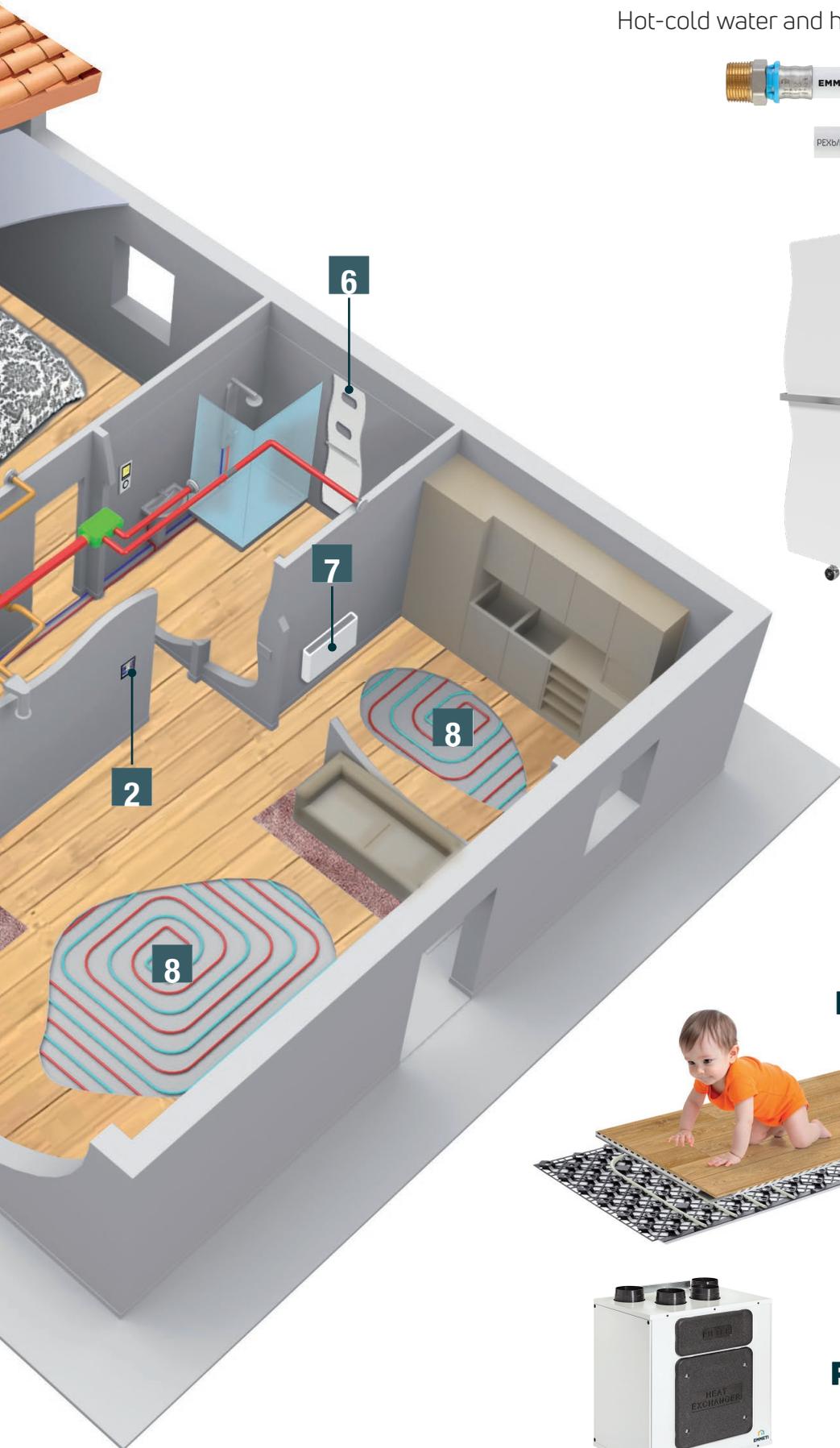
Underfloor heating
system



9

Recupera Slim/Med

Heat recovery air
exchanger





Emmeti Sun

Photovoltaic system

Environmental policies are behind the incentive to produce photovoltaic systems, as they produce electricity from a renewable and free source like the sun.

Emmeti Sun is our answer to the ongoing quest for performance that this key eco-friendly energy source demands.

We strive daily to offer our customers increasingly cutting-edge technology, with the conviction that the more energy our photovoltaic systems provide, the lower the environmental impact of the buildings of the future will be.

The dialogue we have created between the heat pump, photovoltaic system and battery storage makes it possible to efficiently use the free energy our panels produce, thus optimising selfconsumption.



MIRAI - SMI + FEBOS 4.0

Heat pump

Your Emmeti home will be easy to manage thanks to the FEBOS 4.0 system's touch screen display. You will be able to control comfort, analyse the free energy provided by the photovoltaic system and monitor consumption.

All these features will be available to you at all times, even remotely, with the new Emmeti web-app. Thanks to this innovative energy flow optimisation system, which will help you make the most of free energy from the sun, you will be able to minimise the use of nonrenewable energy and consequently, reduce the emission of pollutants.

The best of "made in Japan" technology, **guaranteed for 5 years***, combined with a "made in Italy" idea.



Cleaneco

Centralized vacuum cleaner

The Cleaneco centralized vacuum cleaner is just what you need to clean rooms quickly and easily. It is the ideal system for guaranteeing maximum hygiene in your home because micro-dust, dust mites and odours are expelled directly outside.



Eco Hot Water

Heat pump water heater

The heat pump for Eco Hot Water allows you to save up to 70% compared to a traditional electric water heater.

Thanks to the FEBOS 4.0 system, the energy produced by your photovoltaic system will also be used to heat domestic hot water and you can customise the operation by setting the times when you want it to be available at the desired temperature, thus avoiding waste and further reducing consumption.

* upon scheduled maintenance contract.

Emmeti Gerpex

Hot-cold water and heating distribution system



Emmeti Gerpex is the hot-cold water and heating distribution system. This system, which has been awarded prestigious quality certificates after undergoing stringent laboratory tests, guarantees you excellent reliability and long-term durability.

Figuresse

Design electric towel warmers



In some spaces, such as the bathroom, you may need a heating solution that is fast and flexible. In this case, the electric towel warmer is the most convenient solution, and is particularly suitable in modern buildings (new or renovated), in combination with an underfloor heating system powered by a MIRAI-SMI 4.0 heat pump.

Silence Thin

Fan coil unit



While the underfloor heating system takes care of your comfort during the winter season, the Silence Thin fan coil unit will take care of your summer comfort. The elegant, precision design and state-of-the-art technology allow these products to be installed in any room with an attractive result combined with ultra-high energy efficiency.

Emmeti Clima Floor

Underfloor heating system



The underfloor heating system is the optimal solution, both in terms of energy and cost savings and in terms of comfort: the low operating temperatures result in maximum efficiency of your generator, so heat will be evenly distributed within the rooms, and dust movement will be minimised.

Moreover, the underfloor system does not take up space in your home leaving you the freedom to furnish it as you please without any aesthetic impact.

In particular, with the new Grid Floor solution, the low installation thickness, the simplicity of installation typical of castellated systems, and the advantages of flat systems are combined.

Recupera Slim/Med

Heat recovery air exchanger



Modern houses are now better thermally insulated, thanks in part to virtually airtight windows and doors that do not allow the natural infiltration of air from the outside.

It is, therefore, difficult to eliminate moisture (which leads to the formation of mould), odours and pollutants produced by daily activities. Emmeti Recupera restores your well-being allowing you to live in an environment with the right temperature, humidity and health conditions. Emmeti Recupera recovers your energy, minimising waste as it recovers the heat from the indoor air before it is expelled to the outside (unlike what would naturally happen in winter by simply opening the windows).



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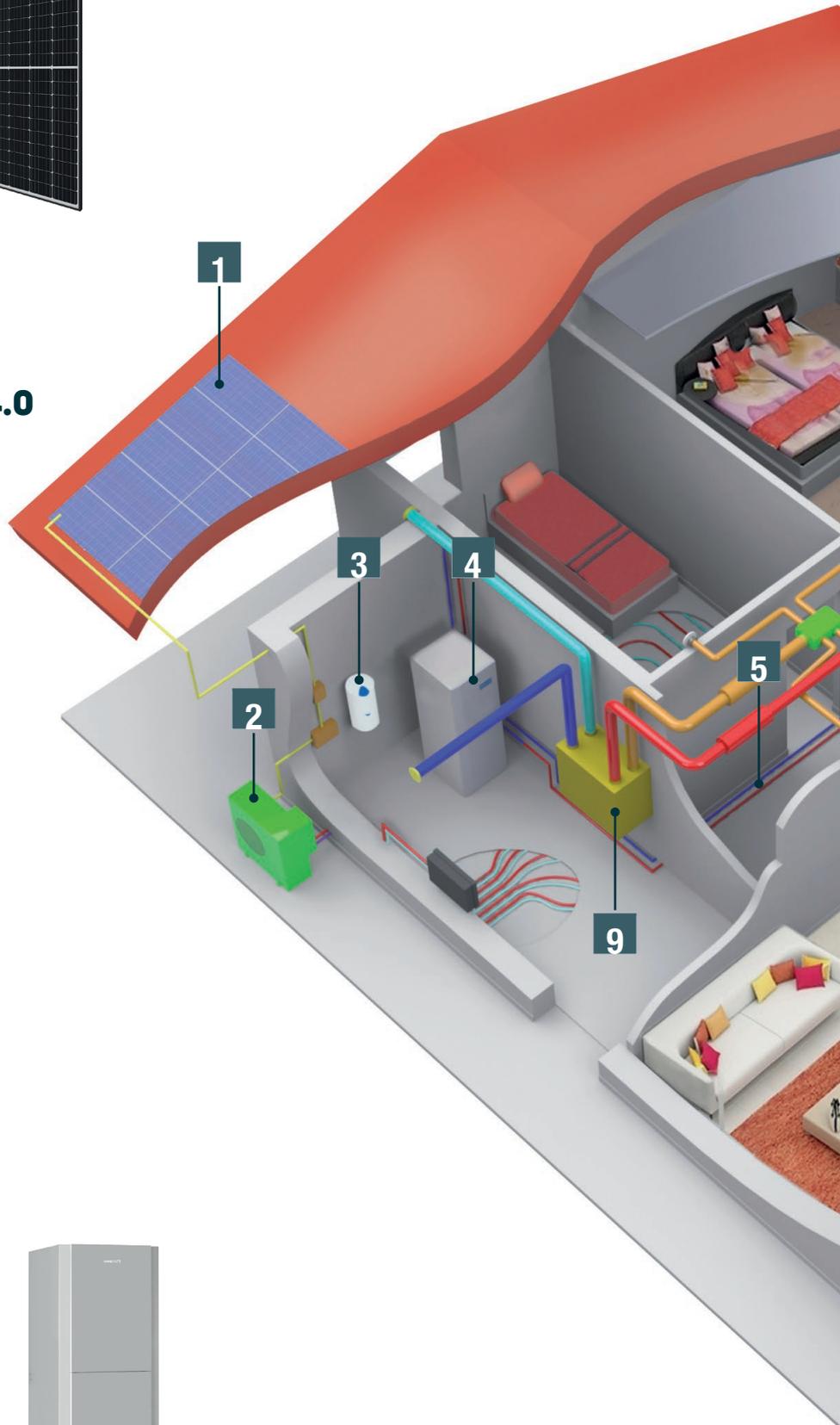
Centralized vacuum cleaner



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Eco Hydro Kit

Thermal power plant module



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Emmeti Gerpex

Hot-cold water and heating distribution system



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Dumy Floor

Dehumidifier



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and cooling system



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Eco Hydro kit

Thermal power plant module

The Eco Hydro kit, combined with the MIRAI-SMI + FEBOS 4.0 heat pump, provides you with 200 litres of hot water, at the desired temperature, at the set times.

The control system will make maximum use of the excess electricity produced by the photovoltaic system, to keep the stored water at temperature efficiently and free of charge.

The Eco Hydro kit is silent and with its spacesaving size is ideal for reclaiming space in your home.

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Dumy Floor

Dehumidifier



“Thermal comfort” is an optimal condition that only occurs if the environmental parameters of temperature, humidity and air speed inside the building are properly controlled. The FEBOS 4.0 system will control the cooling of the room using the radiant system for temperature control and the dehumidification system for humidity and airflow control.

Emmeti Clima Floor

Underfloor heating and cooling system



The underfloor heating system is the optimal solution, both in terms of energy and cost savings and in terms of comfort: the low operating temperatures result in maximum efficiency of your generator, so heat will be evenly distributed within the rooms, and dust movement will be minimised. Combined with an adequate air dehumidification system, it represents an excellent solution for achieving optimal comfort even in summer. Moreover, the underfloor system does not take up space in your home leaving you the freedom to furnish it as you please without any aesthetic impact.

Recupera Slim/Med

Heat recovery air exchanger



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Rev. B_EMMETI_Information leaflet_03.2023_EN03_Arti Grafiche Ciemme (PN)_500 copie_CDT/LP



EMMETI S.p.A. Unipersonale

Via Brigata Osoppo, 166
33074 Vigonovo frazione di Fontanafredda (PN) - Italia
Tel. 0434.567911
Fax 0434.567901
www.emmeti.com
info@emmeti.com

TO FIND OUT MORE,
GO TO OUR WEBSITE
www.emmeti.com



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