Heat

Wagner Solar

Because Heat Comes from the Sun

Efficient solar heating systems

Made in Germany – we produce our powerful collectors at our energy autonomous collector factory in Kirchhain.

Power. Heat. Future

As first-hour solar pioneers, we have successfully collaborated with the sun since 1979. We are a one-stop systems supplier and offer solar power, solar heat, mounting systems and sustainable energy technology solutions with a constantly expanding international distribution network.
In the solar thermal sector, we are one of the leading European solar collector manufacturers.

Our solar passion

In the same way that we operate as an enterprise, carefully chosen components optimize interaction within our system solutions. Many competitive awards testify to their performance and consistent quality of our solar heating systems.

Progressing together

We produce and supply high-performance solar heating systems for private users, public facilities and commercial enterprises.
We offer technologically advanced solar heating systems at attractive prices and with very customer-friendly warranty conditions.

WAGNER SOLAR GMBH

1979	Wagner & Co Solartechnik GmbH established
2014	Wagner Solar GmbH
130	Employees
Partner	for solar power, solar heating, mounting systems and energy technology
Distrib.	through specialized partner installers, international distribution network.

Entrepreneur of the year 2011

ETHICS IN BUSINESS

Corporate responsibility award

Content

SOLAR HEATING	Heating energy of the future	**4**
SYSTEM COMPONENTS	Utilize the Sun – Benefit from Our Systems	**6**
BASIC line	Cost-effective solar water heating system	**8**
TOP line	Solar domestic hot water supply for one and two family homes	**9**
COMBI line	Solar space heating system with tank-in-tank-storage for one and two family homes.	**10**
The next step	Are you ready for solar heat	**11**

Help Shaping the Future – Improve Your Heating

Rising energy prices, climate change or personal conviction – there are many motivations to switch to renewable energies. The classic among them is solar heating. The technology is proven, safe and economical.

Heating energy of the future

While fossil fuels are heading for depletion, the demand for resource and climate sparing heating technologies is growing constantly. With our solar heat systems we offer you the possibility of an economical and sustainable heat generation.

Solar heating pays

Unaffected by rising gas, oil or power prices, solar heating equips your system for the future. 40 years of constant development and our own production ensure the high performance and economy of our installations.

Infinite applications

No matter whether solar collector, storage tanks or entire solar installations: Our products range from small systems for domestic water heating over combined DHW and space heating support all the way to complete heating solutions. Beyond that we offer also specialized solutions for turnkey large-scale installations..

It´s good to know!

Our solar heating systems can be combined with all common heat generators, such as oil, condensed gas or pellet boilers of all renowned brand manufacturers.

Innovative and sustainable energy concepts are our hallmark and the building blocks of the future.

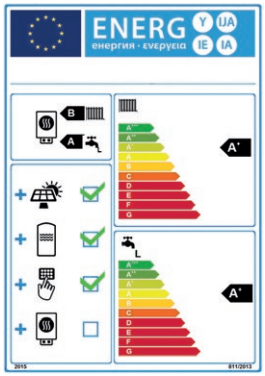
Our path to success

We develop our solar systems with high-performance, quality components and assemble them to achieve maximum solar output, repeatedly setting new standards in the market.

Germany's best solar technology

We are particularly pleased to have been awarded the test seal "Germany's best solar technology" by our customers. We see this as an incentive to continue offering needs-based and optimally matched products at the best possible price-performance ratio.

Energy label



Heating products receive an energy efficiency label, just as it is common practice for household products like refrigerators or washing machines. If the various products such as boilers, storage, controller and solar panels are combined, the entire new system receives a joint energy label. The advisory specialist combines the most suitable products for each individual plant and determines the overall system efficiency.
Wagner Solar's high quality solar thermal installations significantly improve the efficiency rating of the heating system.

SOLAR HEATING ADVANTAGES

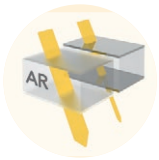
- Free heat energy for space heating and hot water supply
- Unaffected by oil and gas price development
- Ecological and resource friendly
- Low entry costs, solid savings
- Good subsidy and financing conditions
- Active contribution to an energy revolution
- Limitless availability of solar energy

WAGNER SOLAR STRENGTHS

- Optimally fine tuned systems
- High quality of all components
- Safe and reliable system operation
- Lasting high yields for maximum energy savings
- Very long lifetime of the solar heating systems
- High-quality TRIC mounting systems for a secure grip on the roof

Utilize the Sun – Benefit from Our Systems

Our solar packages assure highest efficiency and reliable operation. Their strength lies in perfectly harmonized components – from collector to racking system and from solar controller to storage tank. Quality that pays off.

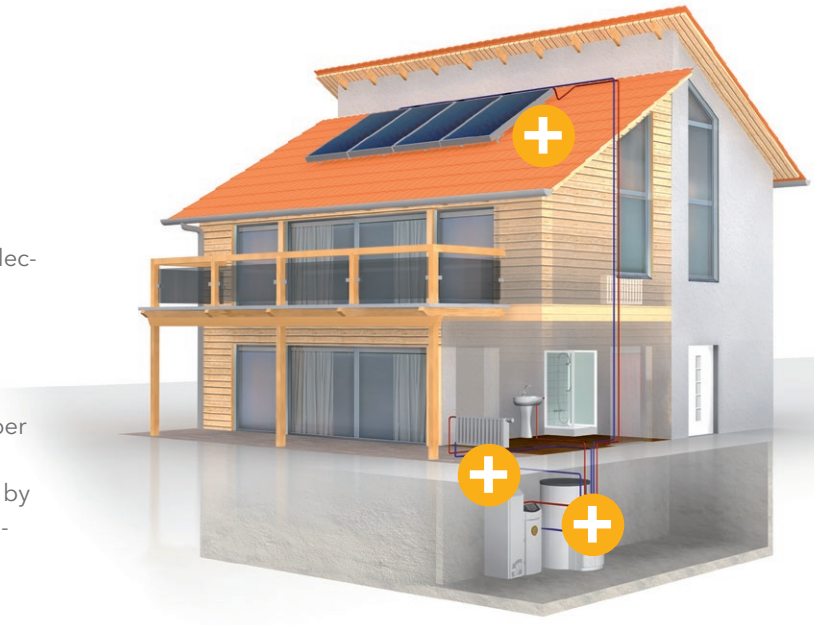


Solar Keymark
011-7S481 F

EURO L20AR
n° 14.4/15-2087_V2,
publié le 17.09.2025

High-performance collector EURO L20 AR - Solar Keymark certified

Our EURO L20 AR is one of the most powerful collectors in Europe and the heart of our solar thermal systems. Equipped with efficient anti-reflective glass it gives you an up to 10% higher solar yield compared to collectors with standard solar glass. The highly selective vacuum coating of the absorber surface optimally converts light into heat. Losses through heat radiation are reduced to a minimum by means of the generous seamless all-around insulation. Without any tools and effort the connecting hoses can be safely and quickly connected with a single hand.
The collector is certified with the European certification mark "Solar Keymark".



Our own TRIC mounting systems

The TRIC mounting systems developed by Wagner Solar and produced in Germany allow for flexible mounting options for the solar collectors and guarantee the long term secure and stable footing.

TRIC mounting systems and solar collectors are manufactured in our solar factory in Germany, which is 90% energy self-sufficient.
We only use certified aluminum products with low CO2 emissions from European aluminum plants for production.

Energetically optimized storage tanks

Our solar storage tanks, be they DHW, buffer or combined storages, are characterized by a maximum of heat keeping capacity. The combination of generously sized insulation and innovative technology minimizes heat losses during all operation cycles. One example is our patented convection brake CONVECTROL: it reduces heat losses at storage connections by up to 50 %!

Hygienic hot water with freshwater units

With our RATIOfresh freshwater units we can offer you a contemporary and exceptionally hygienic technology for domestic hot water preparation. Its integrated stainless steel plate heat exchanger and state of the art adaptive sensor controls heat your water whenever you actually need it – on demand. Depending on your requirements you can choose from units with various flow rates.

High efficiency solar and space heating circulators

The pumps take care to keep your solar system's circulation healthy, balanced and efficient. Thanks to ECM technology the solar circulator provides perfect power at minimized power consumption. ECM technology runs our heating circulators as well.

Intelligent controllers

Our SUNGO solar controllers enable optimal solar yields and convenient hot water preparation—suitable for a wide range of requirements and system sizes

COMPATIBLE WITH MODERN HEATING TECHNOLOGY:

Our solar thermal systems are compatible with all common heat generators, such as wood pellet or oil and gas boilers of all brands.

BASIC line

Cost-effective solar water heating system

With our hot water system BASIC line we offer an inexpensive and solid entry to the efficient use of solar heat.

Efficiency in a small space

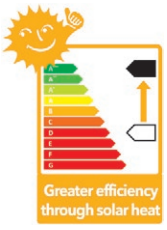
The BASIC line solar heating system has a collector surface area of only 4.5 to 6.75 m² and yet allows to cover about 60% of the annual hot water demand. In view of rising energy prices BASIC line also is an economically worthwhile investment for both new and existing buildings.

Solid solar hot water storage cylinder

A continuously improved design, tried and tested in thousands of installations. Excellent insulation, proven efficiency and durability.

Solar Keymark
011-7S1510 F

EURO L 42 HTF



SCOPE OF SUPPLY	DETAILS
2-4 EURO L42 HTF collectors	4.5 – 6.75 m² total area
1 Mounting system EURO TRIC	For on-roof or free-standing installation
1 ECO solar DHW storage tank	With 300 or 400 l capacity
1 CIRCO solar circulation unit	With expansion vessel
1 SUNGO solar controller	Type 100
1 Solar heat transfer liquid	DC 25

Save up to 70% of energy for hot water!
Inform yourself at your local installer about our solar thermal domestic hot water systems

TOP line

Solar hot water system
for one and two family homes

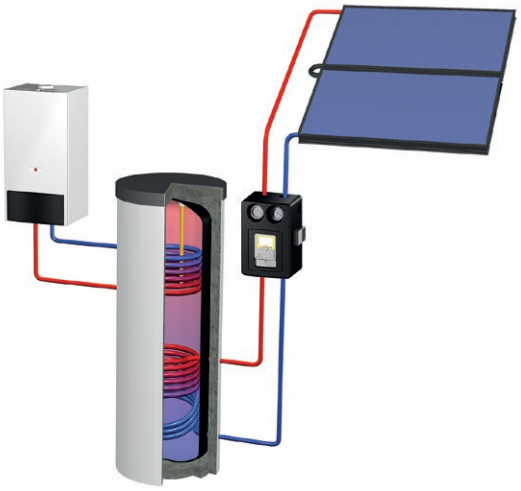
The multiple award winning TOP line hot water system combines the advantages of the high-performance EURO L20 AR collectors with the strengths of the ECObasic solar storage cylinder and an intelligent solar circulation unit.

Perfect price and performance

As the ideal solution for water heating at an extremely fair price, the TOP line system works with generous collector surfaces and strongly insulated components - and at a very fair price.
The ECObasic storage cylinder is fitted with two generously sized heat exchanger coils for the solar and backup water heating circuits.

Optimal system yield

To maximize energy saving, the TOP line system is supplied with a power-saving ECM solar pump. Optionally fit it with our patented CONVECTROL convection brakes.



Solar Keymark
011-7S481 F

EURO L 20 AR

SCOPE OF SUPPLY	DETAILS
2 or 3 EURO L20 AR flat plate collectors	5.2 – 7.8 m² total area
1 Mounting system EURO TRIC	For on-roof, roof integrated or free-standing installation
1 ECOplus solar storage cylinder	300 and 400 l capacity
1 CIRCO solar circulation unit	With expansion vessel
1 SUNGO solar controller	Type 100, 200, 300
1 Solar heat transfer liquid	DC 25

COMBI line

Award winning solar space heating and hot water system for one and two family homes

The COMBI line solar heating package has won multiple awards and impresses with its high savings potential.

Economic and easy to operate

The efficient system saves up to 30 % gas and oil and can also be combined with a wood pellet heating boiler. It enables high output at constant temperature.

Combi cylinders and convection brakes

The SOLUS II combination storage tank used is particularly compact thanks to its tank-in-tank design and is excellently insulated thanks to its environmentally friendly polystyrene insulation. The patented CONVECTROL convection brake substantially reduces storage losses at the pipe connections.

Solar Keymark 011-7S1510 F

EURO L 42 HTF

Solar Keymark 011-7S481 F

EURO L 20 AR

Solar Keymark 011-7S1404 F

EURO L 20 MQ AR

SCOPE OF SUPPLY	DETAILS
4 to 6 EURO L42 HTF / EURO L20 AR SW / EURO L20 MQ AR collectors	9.0 – 15.7 m² total area
1 Mounting system EURO TRIC	For on-roof, roof integrated or free-standing installation
1 SOLUS II combined solar storage tank	550 l / 800 l / 1000 l capacity
1 CIRCO solar circulator	With expansion vessel
1 SUNGO solar controller	Type 100, 200
1 Solar heat transfer liquid	DC 25

Are You Ready for Solar Heat?

The next step

Contact your solar installation partner now. Discuss the next steps with them.

Planning together

Work with our selected specialist installers to realize your solar project quickly and reliably. Thanks to their many years of experience, regular training, and our customized planning tools, your system will be optimally tailored to your needs.

Additional benefits

Benefit from our certified mounting systems and solar collectors manufactured in-house, extended functional and manufacturing warranties, and a qualified network of installers.

Your commitment will be rewarded

Find out about attractive subsidies and grants or ask your local solar installer.

FUNCTIONAL WARRANTY

We are confident in the quality of our products. That is why we offer additional warranties that go far beyond the statutory period.

- **10-year functional warranty on flat-plate collectors**
- **15-year product warranty on TRIC mounting systems**
- **5-year functional warranty on solar storage tanks**

More information at www.wagner-solar.com

Power. Heat. Future

We are solar pioneers with foresight and have been successfully working with the sun for over 45 years.
As a one-stop systems supplier we stand for integrated sustainable solar power, solar heat, mounting systems and energy technology.

Wagner Solar has a constantly expanding international distribution network.

EN-XXX_ST-Prospectus_PS-251110-1WA10056 · Part. no. 820 010 18 · Subject to modifications, errors excepted · ©Wagner Solar GmbH, 2025

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