

Honeywell | Solar water heaters



Come to the sunny side

THE START OF A GREAT LOVE



Independence – solar energy

Efficiency – Honeywell solar kits



Why the solar energy?

With a Honeywell solar water heater, you become the owner of your energy system. You will enjoy low operational costs, be protected against any future energy price increase and experience high comfort levels in your daily hot water consumption. Thanks to the zero impact on the environment, all these advantages will be also shared with the generations to come.



Why Honeywell?

Honeywell is a Fortune 100 diversified technology and manufacturing leader, serving customers worldwide with

- aerospace products and turbochargers
- control technologies for buildings, homes and industry
- performance materials

Based in Morris Township, N.J., Honeywell's shares are traded on the New York, London, and Chicago Stock Exchanges. For more news and information on Honeywell, please visit www.honeywell.com.



A wide range of solution

The solar kits can also be used for bigger scale projects by cascading. The collectors can be used/ordered also as stand alone parts. The Honeywell range of solar water heaters can address all the installer and end user needs. From the open loop solution to the closed loop water heaters with black painted collectors, to the high performance closed loop heaters with blue selective panels, there's always the right product for you. The closed loop solar kits can be mounted on flat or tilted roofs.



Closed loop – blue selective
High end performances



Open loop – black painted
Solar energy for everyone



Closed loop – black painted
Optimal price / performance ratio

Winning technology

Top performer collectors

The collectors always guarantee the highest performances, thanks to:

- The Blue Selective coating in closed loop solution, capable of maintaining high performances even with unfavorable conditions.
- The optimal welding process: laser in open loop and ultrasonic in blue selective collectors, for the optimal extreme durability and high heat transfer capabilities in all conditions.
- Structured high-transmittance solar glass, standard on all the panels
- The high insulation thickness
- The right panel area, to maximize the energy collection

Full equipped tanks

The tanks offer:

- A wide range of sizes: 150, 200 or 300 liters
- An environment friendly insulation material, with increased thickness.
- The electric heating element, included as standard, acting as an adjustable thermostat.
- Weather and uv proof materials for longer outdoor lifetime, also on coastal areas



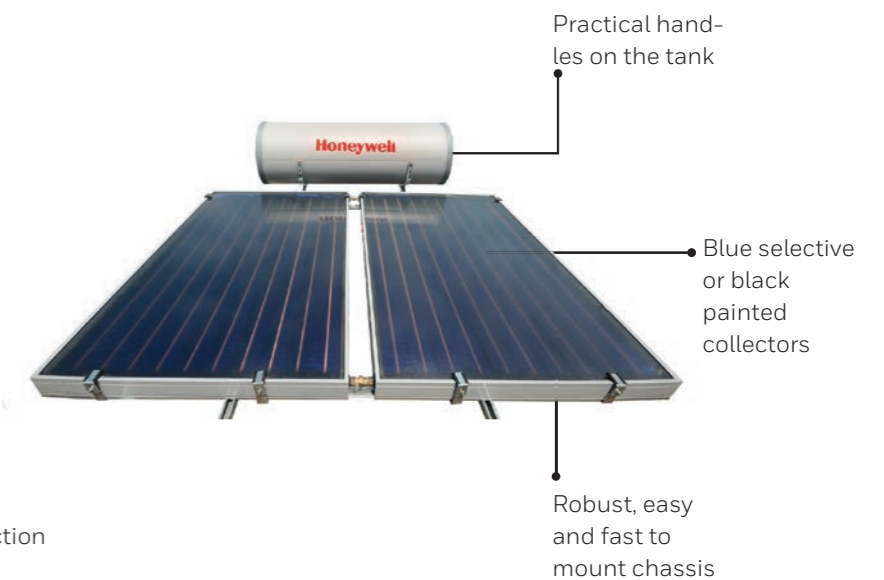
The product portfolio

Many solutions to cover all your needs

The blue selective collectors are ideal where performances are a must. The hot water is generated very fast. The choice between closed and open loop systems allows the installation in all conditions, even in freezing areas. The systems can be installed on flat or tilted roofs.

HON-Sxx series HON-Pxx series Closed loop systems

- Adjustable angle of the chassis, to capture the optimal solar radiation
- Elegant design
- Internal enameled steel tank for longer life
- Standard electrical resistance with double function (safety switch and adjustable temperature)
- Blue selective or black painted collectors
- Circulation pipe material and glycol included, for a more efficient installation
- CE and Solar Keymark certified



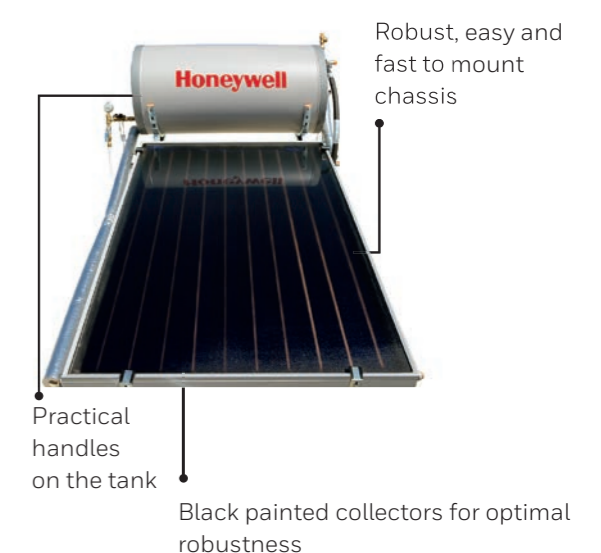
HON-OLx series Open loop systems

- Compact design
- High efficiency system
- Standard electrical resistance with double function (safety switch and adjustable temperature)
- Circulation pipe material included, for more efficient installation
- CE and Solar Keymark certified



HON-Pxx series Closed loop systems – black painted panels

- Adjustable angle of the chassis, to capture the optimal solar radiation
- Elegant design
- Internal enameled steel tank for longer life
- Standard electrical resistance with thermostat function
- CE and Solar Keymark certified





Solar water heaters – Technical data



Compact SWH thermosiphon		Specifications		
Part number	Description	solar collector m²	Tank size (l)	Electrical heater (kW)
Open loop solar water heater – black painted collectors				
HON-OLF-150	Black painted collector, with electrical booster, Mg anode rod, flat roof chassis	2,08	150	2
HON-OLF-200		2,08	200	2
HON-OLF-300		2,08	300	2
HON-OLT-150	Black painted collector, with electrical booster, Mg anode rod, tilted roof chassis	2,08	150	2
HON-OLT-200		2,08	200	2
HON-OLT-150		2,08	300	2
Closed loop solar water heater – blue selective collectors				
HON-SF8-150	Blue selective collector, with electrical booster, Mg anode rod, flat roof chassis	2,08	150	2
HON-SF8-200		2,08	200	2
HON-SF8-300		2,08	300	2
HON-ST8-150	Blue selective collector, with electrical booster, MG anode rod, tilted roof chassis	2,08	150	2
HON-ST8-200		2,08	200	2
HON-ST8-300		2,08	300	2
Closed loop solar water heater – black painted collectors				
HON-PF8-150	Black painted collector, with electrical booster, MG anode rod, flat roof chassis	2,08	150	2
HON-PF8-200		2,08	200	2
HON-PF8-300		2,08	300	2
HON-PT8-150	Black painted collector, with electrical booster, MG anode rod, tilted roof chassis	2,08	150	2
HON-PT8-200		2,08	200	2
HON-PT8-300		2,08	300	2

Fluid solar

1. Pressure switch (ME Series)



2. Solenoid valve (AB Series)



3. Safety relief valve (SM 180)



4. Thermometer (GS200/U)



5. Balancing valve (Part No: V5010 Kombi 3 plus Blue double regulating valve)



6. Automatic Air (Part No: E1215)



Your advantages

Solar panels

- High insulation thickness for better performances
- Blue selective coating as option for high performance closed loop solutions

Tank

- Electric heating element included for increased comfort
- High insulation thickness for better performances

Chassis

- Fast and easy assembling
- Robust construction
- Adjustable inclination for optimal performances

Piping

- Circulation pipe material included, for a more efficient installation
- Copper pipings for enhanced reliability

Installation

- Honeywell partners are qualified professional companies, to guarantee the best system installation and customer satisfaction

System dimensioning

It's recommended to dimension the system so to provide 40 l for every person in the house. Example: an house with a family of 5 people should be dimensioned with a solar water heater of 200 liters.

Honeywell SWH-Spare parts

HON part number	Description
HON-CL-Anode	Magnesium anode (500 mm) and connection elements
HON-CL-Heater	Electrical heater 1 1/4" 2 kW and connection elements
HON-CL-Thermostat	40*80 Thermostat
HON-CL-CON/U	Connector
HON-CL-CAP/U	CAP

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