



STORAGE LOADING AND SOLAR STATIONS

STRATIFIED STORAGE UNIT LOADING FOR TWO STORAGE TANK ZONES

The storage unit loading stations achieve a high energy yield from the collector and stable stratification in the storage unit.

BENEFITS AT THE PLANNING STAGE

- Certainty during planning and dimensioning thanks to the compact installation-ready design
- Efficient planning thanks to hydraulic design and station configuration by the manufacturer
- Can be combined with a wide variety of heat generator and storage systems
- The compact design makes planning easier
- Costs can be kept under control during planning thanks to a clear, pre-configured component specification
- Enables the planner to position himself as an innovator




BENEFITS AT THE INSTALLATION STAGE

- Less time required to install, commission and maintain the system
- Increased sales
- Service and guarantee from a single source
- Reliable operation thanks to high quality components
- Compact design means that less space is required for installation
- Easy to provide evidence of energy yield
- Satisfied customers
- Enables the fitter to position himself as an innovator

TACOSOL LOAD STORAGE LOADING STATION

Solar station and loading module (system separation) in one:

- Connection-ready storage loading stations with integrated system separation for loading one or two storage tank or domestic water storage heating units by means of a solar thermal energy system
- Maximum solar yield and efficient operation thanks to sensor technology
- Ideally complements the TacoTherm Fresh fresh hot water stations

Product photo	Station / Type	Heat output * ¹⁾	Collector surface * ²⁾	Comments
	TacoSol Load Mega	12.5 kW	Approx. 25 m ²	<ul style="list-style-type: none"> ▪ Solar station with permanent automatic venting ▪ External heat exchanger for loading a storage tank at one or two levels
	TacoSol Load Tera	25 kW	Approx. 50 m ²	<ul style="list-style-type: none"> ▪ Optional temperature-dependent return stratification of the primary circuit in the storage tank ▪ Permanent automatic venting ▪ ErP-ready
	TacoSol Load Exa	120 kW	Approx. 240 m ²	<ul style="list-style-type: none"> ▪ Wall mounted ▪ High-efficiency pump technology ▪ Permanent automatic venting

*¹⁾ according to VDI 6002

*²⁾ depends on overall pressure loss of solar circuit including collector

SAFE USE OF SOLAR ENERGY

The pre-assembled, pre-configured components in the solar stations make it easier to plan, install and efficiently operate the solar thermal energy system.

BENEFITS AT THE PLANNING STAGE

- Certainty during planning and dimensioning thanks to pre-assembled main components
- Efficient planning thanks to hydraulic pre-dimensioning and station configuration
- Costs can be kept under control during planning thanks to preconfigured stations and clear component specification
- The compact design makes planning easier
- Enables the planner to position himself as an innovator




BENEFITS AT THE INSTALLATION STAGE

- Less time required to install, commission and maintain the system
- Increased sales
- Service and guarantee from a single source
- Reliable operation thanks to high quality components
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TACOSOL CIRC SOLAR STATIONS

Connection-ready, fully assembled pump groups for direct installation in the solar circuit of solar power systems.

- Hydraulic balancing and flow measurement and control can be carried out directly on the solar station in all versions
- Permanent, automatic air separation in the integrated ventilating flask (mounted on intake side upstream of the pump on the expansion vessel connection)

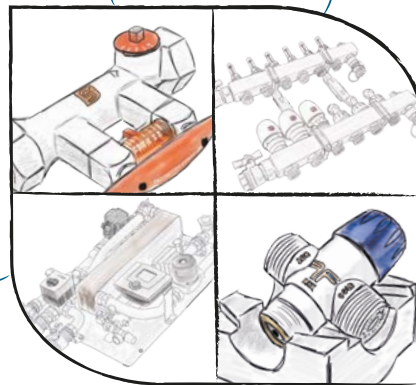
Product photo	Station / Type	Version	Circulating pump type	Comments
	TacoSol Circ ER	Single-line	High-efficiency pump	<ul style="list-style-type: none"> ▪ Available with and without safety subassembly
	TacoSol Circ ZR	Two-line	High-efficiency pump	<ul style="list-style-type: none"> ▪ Available with cover plate or support for controller
	TacoSol Circ ZR PV EU21	Two-line	24 V high-efficiency pump	<ul style="list-style-type: none"> ▪ Solar station can be operated and controlled with an autonomous power supply thanks to a PV panel

HYDRONIC BALANCING – A MUST FOR MODERN BUILDING SERVICES

Taconova TacoSetters feature a sight glass with scale, enabling quick, accurate and variable flow rate control, as well as balanced heat distribution and improved energy efficiency.

UNDER FLOOR HEATING TECHNOLOGY – FOR PERFECT INTERACTION

Comprehensive range of perfectly matching balancing valves, actuators, room thermostats and connection modules that can be combined in a variety of ways, as well as fully assembled manifolds for underfloor heating systems – for optimum energy distribution and a high level of comfort.



SYSTEM TECHNOLOGY – INTELLIGENT STATIONS

Smart and connection-ready domestic hot water stations, heat interface units, storage loading and solar loading stations – state of the art technology for reliable operation, reduced maintenance and optimised energy costs.

VALVES AND ACCESSORIES – FOR OPTIMUM SAFETY

A wide range of modern valves and accessories, including thermostatic mixing valves, venting valves, dirt separators and multifunctional valves and accessories, as well as sensors and measuring equipment – for comfort, exemplary safety and energy efficiency.

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ANIMATIONS, DATA SHEETS AND MUCH MORE ON TACONOVA.COM**

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