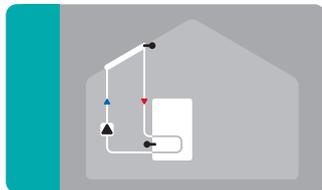
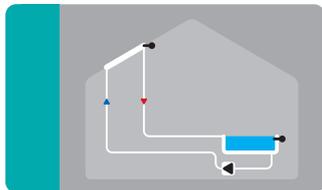


Temperature Difference Controllers TDC

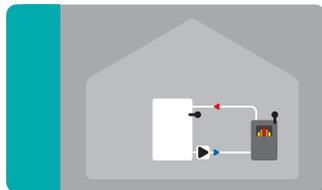
Hydraulic variants STDC, MTDC, LTDC



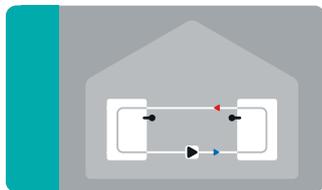
Solar with storage



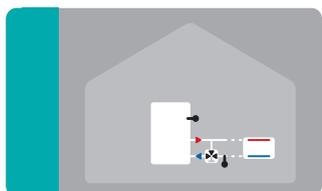
Solar with swimming pool



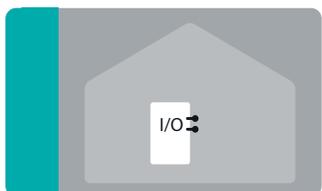
Solid fuel boiler with storage



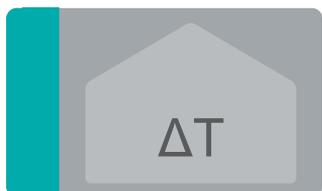
Storage transfer



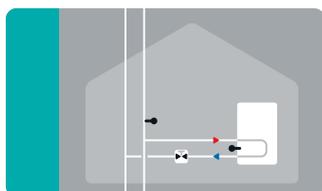
Return flow increase



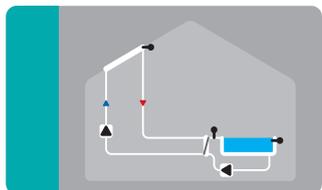
Thermostat function



Universal DeltaT

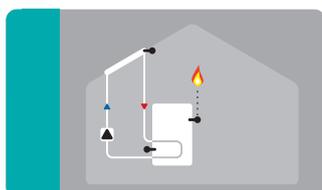


Stop valve

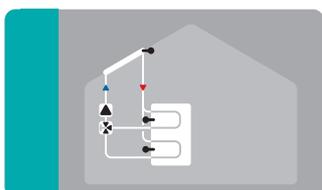


Solar with heat exchanger (sensor in secondary circuit) and pool
Not included in STDC V1 and STDC V2

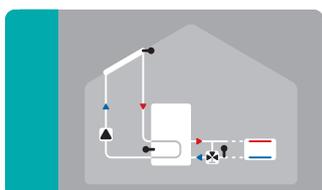
Hydraulic variants MTDC and LTDC



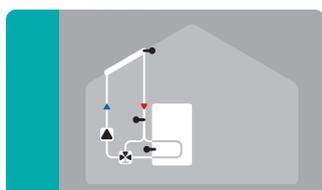
Solar with thermostat (auxiliary heating)



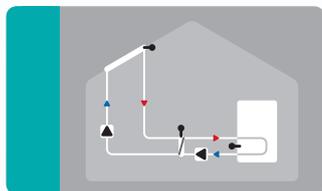
Solar with two-zone storage



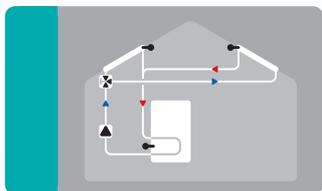
Solar with heating circuit



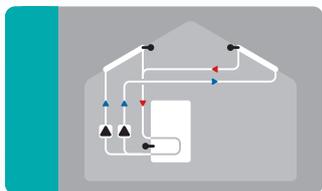
Solar with bypass



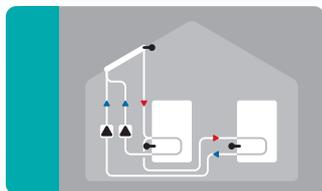
Solar with heat exchanger



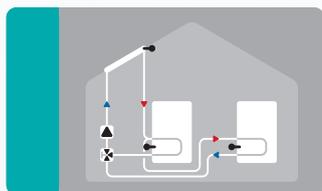
Solar with 2 collector surfaces



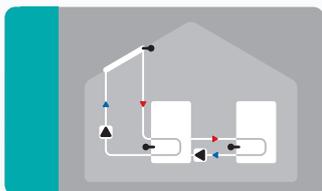
Solar with 2 collector surfaces and 2 pumps



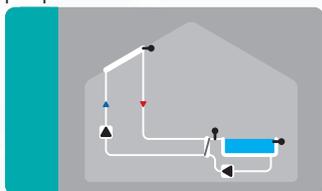
Solar with 2 storages and 2 pumps



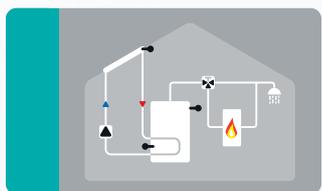
Solar with 2 storages and valve



Solar with storage transfer



Solar with pool and heat exchanger



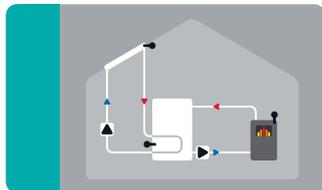
Solar with thermostat and valve

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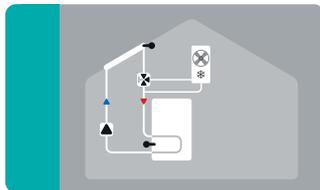
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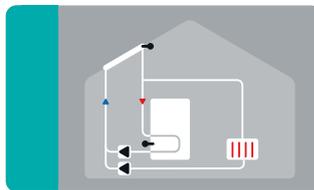
Hydraulic variants MTDC and LTDC



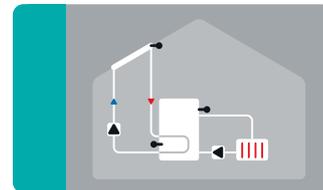
Solar with solid-fuel boiler



Solar with cooling 1 (collector cooling)

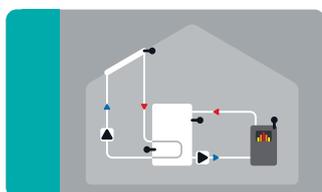


Solar with cooling 2 (collector cooling)

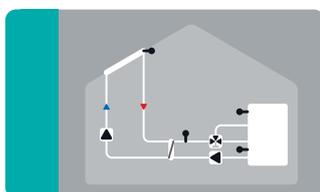


Solar with cooling 3 (storage cooling)

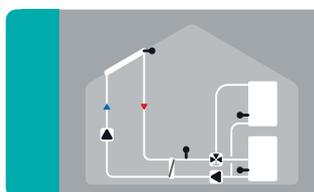
Hydraulic variants LTDC



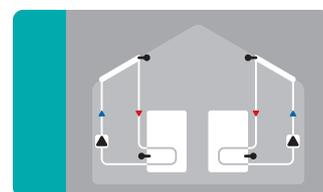
Solar with storage and solid-fuel boiler



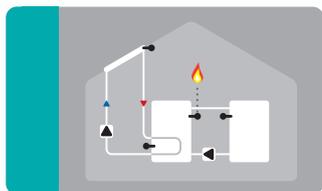
Solar with heat exchanger 2 zones



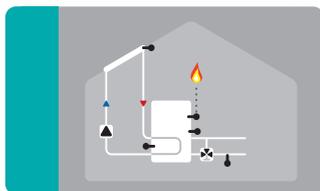
Solar with heat exchanger 2 storages



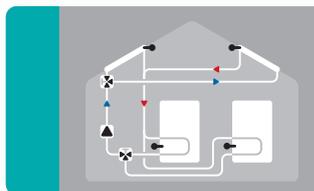
2x Solar



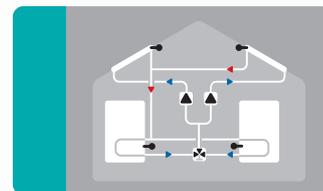
Solar with thermostat and storage transfer



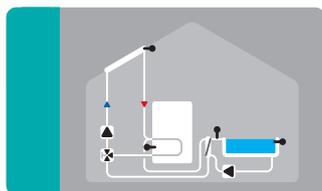
Solar with thermostat and return flow increase



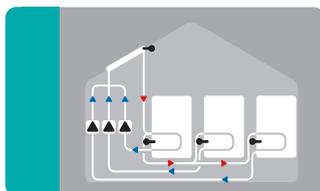
Solar with 2 collector surfaces, 2 storages and 2 valves



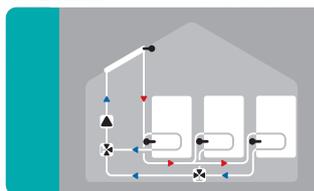
Solar with 2 collector surfaces, 2 storages and 2 pumps



Solar with swimming pool, storage, heat exchanger and valve



Solar with 3 storages and 3 pumps



Solar with 3 storages and 2 valves

The basic schematics of the LTDC can be extended by the following additional functions for unused relays:

- Solar bypass
- Backup heating control
- Cooling function
- Return flow increase
- Anti-legionella function
- Storage transfer
- Universal DeltaT
- Always On
- Solid fuel boiler control
- Signalling with activated protection function
- Signalling with new information message
- Pressure monitoring
- Booster for fast system loading
- Heating circuit
- Parallel operating with R1
- Parallel operating with R2
- Thermostat 2

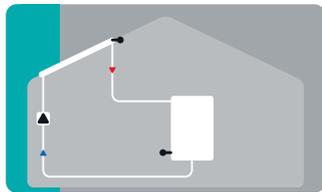
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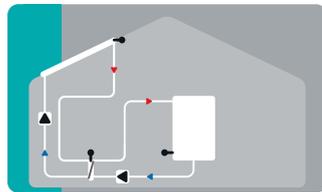
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Temperature Difference Controllers TDC

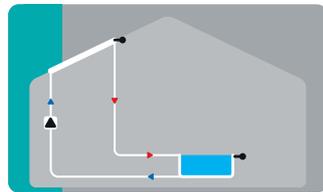
Hydraulic variants XTDC



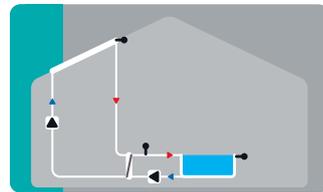
Solar with storage



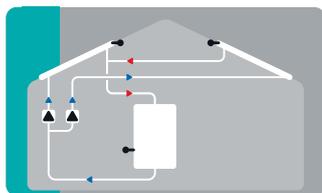
Solar with heat exchanger



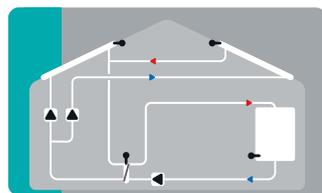
Solar with swimming pool



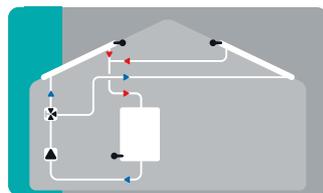
Solar with swimming pool and heat exchanger



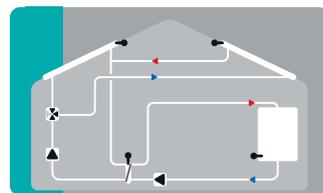
Solar with 2 collector surfaces and 2 pumps



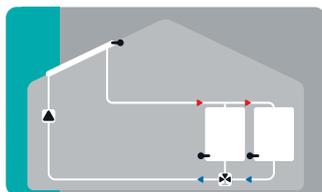
Solar with 2 collector surfaces with 2 pumps, 1 storage, heat exchanger and pump



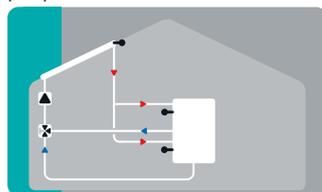
Solar with 2 collector surfaces and switching valve



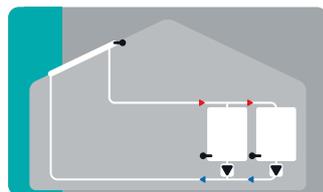
Solar with 2 collector surfaces, switching valve and heat exchanger



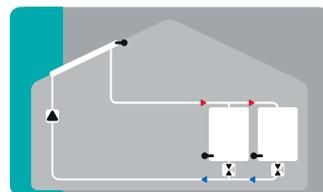
Solar with 2 storages and switching valve



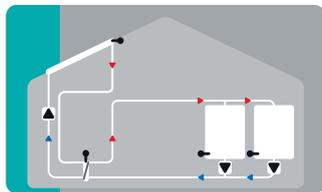
Solar with two-zone storage and switching valve



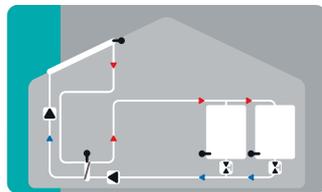
Solar with 2 storages and 2 pumps



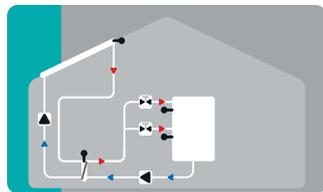
Solar with 2 storages and 2 stop valves



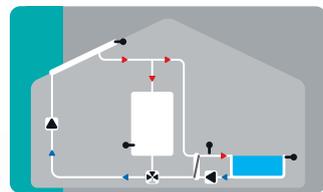
Solar with 2 storages, 2 pumps and heat exchanger



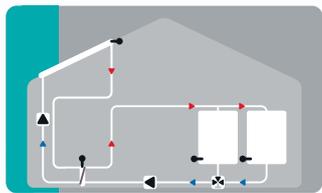
Solar with 2 storages, 2 stop valves and heat exchanger



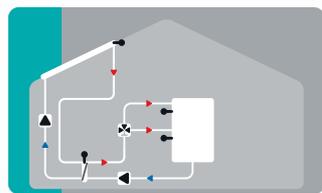
Solar with two-zone storage and stop valve



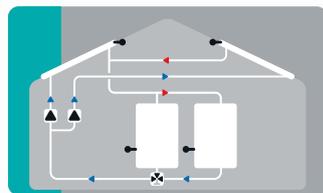
Solar with storage, swimming pool and heat exchanger



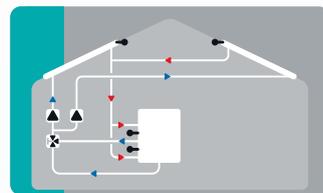
Solar with 2 storages, switching valve and heat exchanger



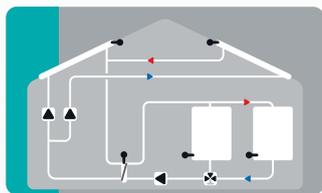
Solar with two-zone storage, switching valve and heat exchanger



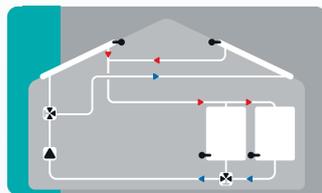
Solar with 2 collector surfaces, 2 storages, 2 pumps and switching valve



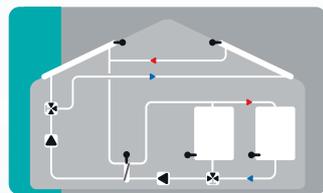
Solar with 2 collector surfaces, two-zone storage, 2 pumps and switching valve



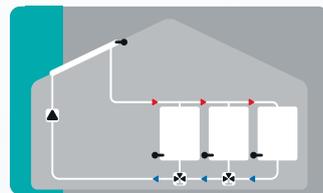
Solar with 2 collector surfaces with 2 pumps, 2 storages, heat exchanger and pump



Solar with 2 collector surfaces, 2 storages and 2 switching valves



Solar with 2 collector surfaces with 1 valve, 1 pump, 2 storages, heat exchanger and pump



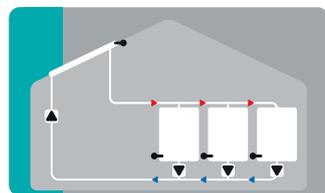
Solar with 3 storages and 2 switching valves

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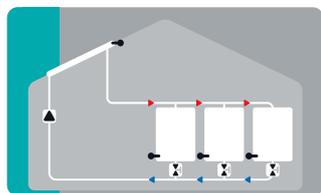
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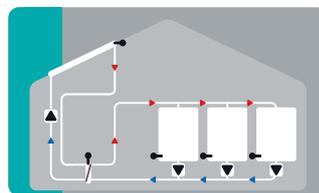
Hydraulic variants XTDC



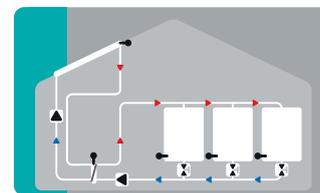
Solar with 3 storages and 3 pumps



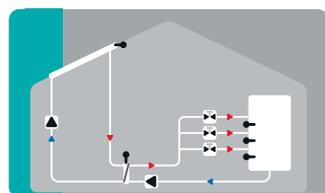
Solar with 3 storages and 3 stop valves



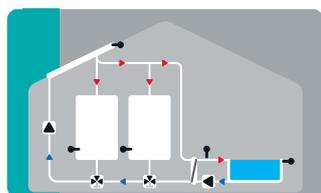
Solar with 3 storages, 3 pumps and heat exchanger



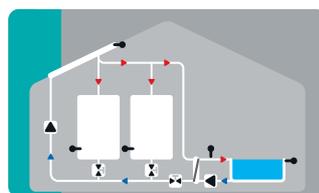
Solar with 3 storages, 3 stop valves and heat exchanger



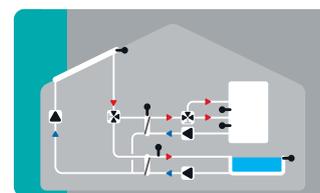
Solar with three-zone storage, 3 stop valves and heat exchanger



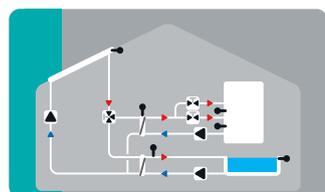
Solar with 2 storages, switching valves and swimming pool with heat exchanger



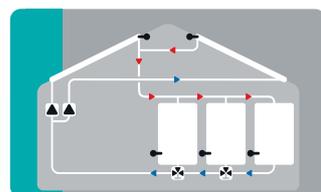
Solar with 2 storages, 3 stop valves and swimming pool with heat exchanger



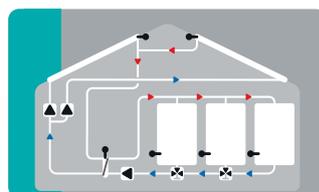
Solar with two-zone storage, switching valve, heat exchanger and pool with heat exchanger



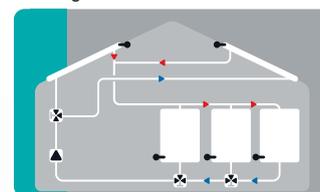
Solar with two-zone storage, 2 stop valves, heat exchanger and pool with heat exchanger



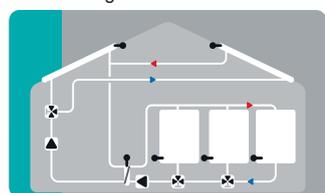
Solar with 2 collector surfaces and 3 storages with 2 switching valves



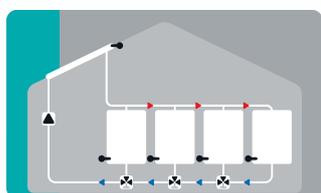
Solar with 2 collector surfaces, 3 storages with 2 switching valves and heat exchanger



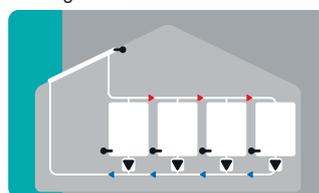
Solar with 2 collector surfaces with 1 valve, 1 pump, 3 storages with valves



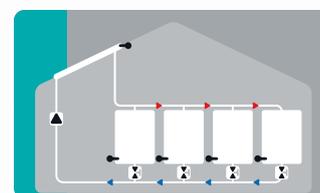
Solar with 2 collector surfaces with 2 pumps, 3 storages, heat exchanger and pump



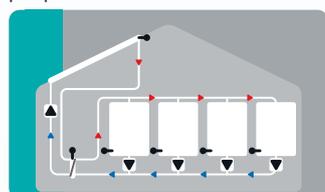
Solar with 4 storages and 3 valves



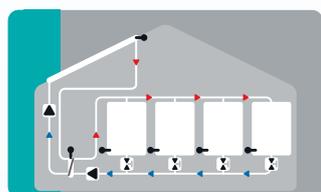
Solar with 4 storages and 4 pumps



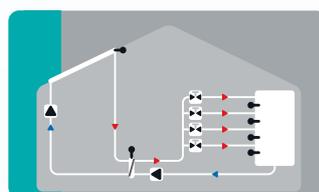
Solar with 4 storages and 4 stop valves



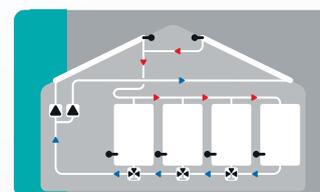
Solar with 4 storages, 4 pumps and heat exchanger



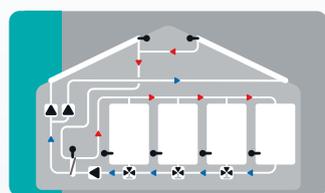
Solar with 4 storages, 4 stop valves and heat exchanger



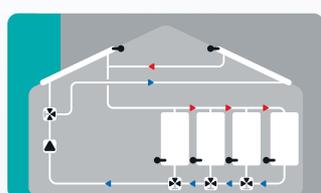
Solar with four-zone storage and 4 stop valves



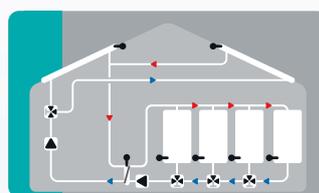
Solar with 2 collector surfaces, 4 storages, 2 pumps and 3 switching valves



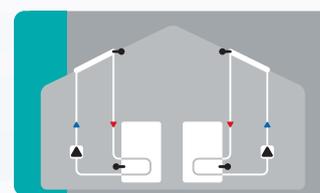
Solar with 2 collector surfaces, 4 storages, 2 pumps, 3 switching valves and heat exchanger



Solar with 2 collector surfaces, 4 storages and 3 switching valves



Solar with 2 collector surfaces, 4 storages and 3 switching valves and heat exchanger



2 x Solar

The illustrations should be viewed only as schematic diagrams showing the respective hydraulic systems, and do not claim to be complete. The controller does not replace safety devices under any circumstances. Depending on the specific application, additional system components and safety components may be mandatory, such as check valves, non-return valves, safety temperature limiters, scalding protectors, etc., and must therefore be provided.

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