

Legend for dimensional

| Item | Explanation | Connection marking cover (Storage tank type) | | Applicable to hot water storage tank |
|------|---|---|---------|---|
| | | (300 l) | (500 l) | |
| 1 | Storage tank (polypropylene double walled jacked with PUR hard foam heat insulation) | | | All |
| 2 | Mount for solar R4 controller / handle | | | All |
| 3 | Type plate | | | All |
| 4 | Fill level indicator | | | All |
| 5 | Safety overflow connection (1 1/4" AG, 1" IG) | | | All |
| 6 | Pressure-free storage tank water | | | All |
| 7 | Hot water zone | | | All |
| 8 | Solar zone | | | S#B |
| 9 | Connection for electric immersion heater / booster heater (R 1 1/2" IG) | | | All |
| 10 | Optional: Electric immersion heater (designated as a booster heater in heat pump systems) | | | All |
| 11 | Corrugated stainless steel pipe heat exchanger for domestic hot water using depressurised storage tank water | | | All |
| 12 | Stainless steel corrugated pipe heat exchanger for charging storage tank (SL-WT1) via 1st. heat source | | | S#B / S#D - S#G |
| 14 | Corrugated pipe stainless steel heat exchanger for heating support | | | S#B / S#F |
| 15 | Heat insulating jacket for heat exchanger to provide support for the heating | | | S#B / S#F |
| 16 | Stainless steel corrugated pipe heat exchanger for charging pressurised solar storage tank (SL-WT3) | | | S#F / S#G |
| 17 | Thermal insulation shell for pressurised solar heat exchanger (SL-WT3) | | | S#F |
| 18 | Solar inflow layering pipe | | | S#B |
| 19 | Sensor pocket for tank temperature sensor | 8 | 10 | All |
| 20 | Drain-back solar - return flow | | | S#B |
| | Filling and draining connection for storage tank water | | | All |
| 21 | Drain-back solar - flow | 7 | 9 | S#B |
| 22 | Pressurised solar - return flow | 5 | 9 | S#F / S#G |
| 23 | Pressurised solar - flow | 6 | 11 | S#F / S#G |
| 24 | Hot water connection* | | 2 | All |
| 25 | Cold water connection* | | 1 | All |
| 26 | Storage tank charging return flow (via 1st heat source)* | | 3 | S#B / S#D / S#F / S#G |
| 27 | Storage tank charging flow (via 1st heat source)* | | 4 | S#B / S#D / S#F / S#G |
| 30 | Except Altherma LT: Heating support outlet ↓* (connect to heating return!) Only Altherma LT: Storage tank conditioning/heating support return flow ↑ (connect to flow for heating) | | 7 | S#B / S#F |
| 31 | Except Altherma LT: Heating support inlet ↑* (connect to return flow heat generator!) Only Altherma LT: Storage tank conditioning/heating support flow ↓ (connect to flow Altherma LT) | | 8 | S#B / S#F |
| S#B | Hot water storage tank EKHWP500B | | | |
| S#D | Hot water storage tank EKHWP300B | | | |
| S#F | Hot water storage tank EKHWP500PB | | | |
| S#G | Hot water storage tank EKHWP300PB | | | |
| X | Recommended wall distance 200mm | | | All |
| AG | Outer thread | | | All |
| IG | Internal thread | | | All |
| * | Recommended accessories (ZKB (2 in number)) | | | All |