

DT3

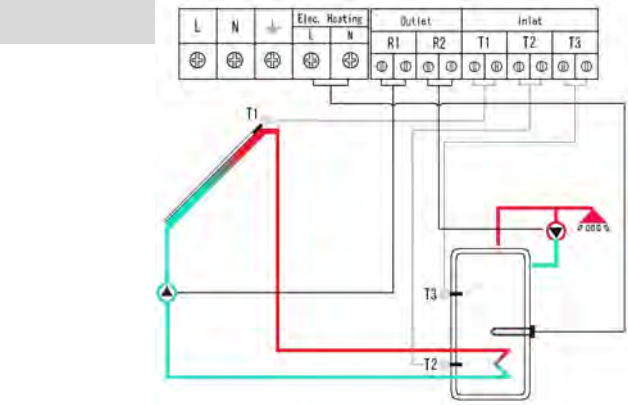


| L | N | | Elec. Heating | | Outlet | | Inlet | | |
|---|---|--|---------------|---|--------|----|-------|----|----|
| | | | L | N | R1 | R2 | T1 | T2 | T3 |
| | | | | | | | | | |

System description

System 1

The standard split pressurized solar water heating system with 1 collector array and 1 storage. Use electrical heater as auxiliary heating device.



Relay output

Note

Elec. Heating

Elec. heater

R1

Pump 1

R2

Pump 2

Sensor input

Note

T1










Temp. of Collector

T2

Temp. of Storage base

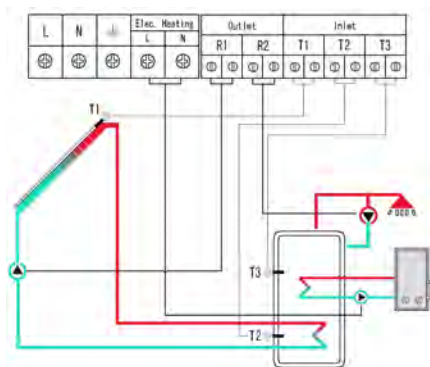
T3

Temp. of Storage top

| | Function | Factory setting | Value arrange | Description |
|---|--|---|---------------|---|
|  | System choice | 1 | 1-2 | System 1 |
|  | Time display | | | Display the current time |
|  | Three time periods on auxiliary heating | 04:00-05:00 10:00-10:00 17:00-22:00 | 00:00-23:50 | Adjust the auto. working time periods of auxiliary heating |
|  | Three time periods on hot water output circulation | 06:00-08:00 10:00-10:00 19:00-21:00 | 00:00-23:50 | Adjust the auto. working time periods of hot water output circulation |
|  | Storage keeping temp. | 60 | 45-75 | Adjust the referenced temp. of auxiliary heating |
|  | Switch-on temp. difference | 8 | 5-20 | Adjust the desired switch-on temp. difference |
| | Switch-off temp. difference | 4 | 2-12 | Adjust the desired switch-off temp. difference |
|  | Overheating protection of storage | 80 | 50-95 | When the storage reaches the desired overheating protection temp., temp. difference circulation will be switched off. |
|  | System frost protection | 3 | 2-8 | When the collector temp. is lower than the desired frost protection temp., this function will be activated. |
|  | Holiday function | | | This function will be activated when a holiday is planed or when there is no need to use hot water for a long time. |
| | System overheating protection | 130 | | When the collector is overheating, the system stops working, which to avoid the accessories to be destroyed. |
| | Anti-bacteria protection | | | To avoid the bacteria occur, the system takes the bacteria-killing process periodically. |










System 2

The standard split pressurized solar water heating system with 1 collector array and 1 storage. Use gas boiler as auxiliary heating device.



| Relay output | Note |
|---------------|-----------------------|
| R1 | Pump 1 |
| R2 | Pump 2 |
| Elec. heating | Gas boiler |
| Sensor input | Note |
| T1 | Temp. of Collector |
| T2 | Temp. of Storage base |
| T3 | Temp. of Storage top |

Signal

| | Function | Factory setting | Value arrange | Description |
|---|--|---|---------------|---|
|  | System choice | 1 | 1-2 | System 1 |
|  | Time display | | | Display the current time |
|  | Three time periods on auxiliary heating | 04:00-05:00 10:00-10:00 17:00-22:00 | 00:00-23:50 | Adjust the auto. working time periods of auxiliary heating |
|  | Three time periods on hot water output circulation | 06:00-08:00 10:00-10:00 19:00-21:00 | 00:00-23:50 | Adjust the auto. working time periods of hot water output circulation |
|  | Storage keeping temp. | 60 | 45-75 | Adjust the referenced temp. of auxiliary heating |
|  | Switch-on temp. difference | 8 | 5-20 | Adjust the desired switch-on temp. difference |
| | Switch-off temp. difference | 4 | 2-12 | Adjust the desired switch-off temp. difference |
|  | Overheating protection of storage | 80 | 50-95 | When the storage reaches the desired overheating protection temp., temp. difference circulation will be switched off. |
|  | System frost protection | 3 | 2-8 | When the collector temp. is lower than the desired frost protection temp., this function will be activated. |
|  | Holiday function | | | This function will be activated when a holiday is planed or when there is no need to use hot water for a long time. |
| | System overheating protection | 130 | | When the collector is overheating, the system stops working, which to avoid the accessories to be destroyed. |
| | Anti-bacteria protection | | | To avoid the bacteria occur, the system takes the bacteria-killing process periodically. |

Manual em portugues