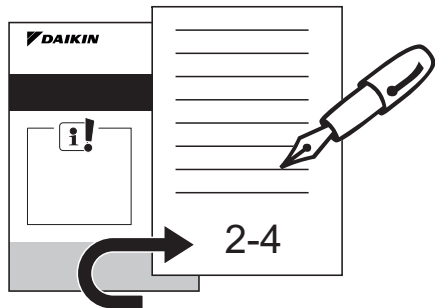




## DAIKIN Solaris



1.



2.



**DAIKIN**

Service-Heiztechnik@daikin.de

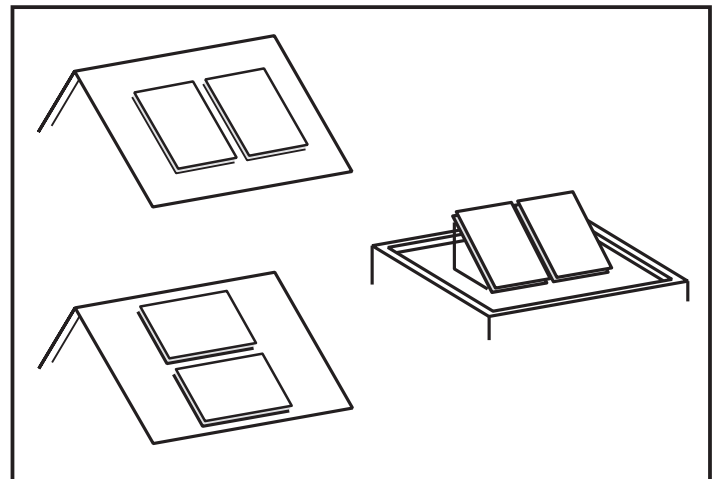


**STAND BY ME**

standbyme.daikin.co.uk

Installation and instruction certificate  
Solar

English





**Description of the solar system**

**System-independent data**

on hot water preparation       on backup heating

**Solar panels**

Type\*: \_\_\_\_\_  
Quantity: \_\_\_\_\_  
Total: \_\_\_\_\_  
Rows: \_\_\_\_\_  
Units per row: \_\_\_\_\_

**Manufacturer's No.\***

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(\*see identification plate on the collector frame)

**Buyer**

Name \_\_\_\_\_  
Street \_\_\_\_\_  
Pip code \_\_\_\_\_  
Town \_\_\_\_\_  
Phone \_\_\_\_\_

**have been instructed in the operation. I have been handed the operating instruction manual and the operating logbook.**

Customer signature

**Installation type**

On-roof     In-roof     Flat roof

**Heat accumulator**

DAIKIN Altherma ST       DAIKIN Altherma C Gas ECH<sub>2</sub>O  
 DAIKIN Altherma Heatpump     Other \_\_\_\_\_

Type\*: \_\_\_\_\_  
Manufacturer's no.\*: \_\_\_\_\_

(\*see identification plate on the storage tank cover or the front of the device)

**Electrical safety**

Main grounding busbar fitted to the collector array and connected to equipotential bonding terminal? Yes

For each hardwired power connection, is a separate disconnecter system compliant with EN 60335-1 installed for allpole disconnection from the power mains (automatic switch)? Yes

Mains connection protected with a earth leakage circuit breaker (reaction time ≤ 2 seconds)? Yes

**Installation company**

Name \_\_\_\_\_  
Street \_\_\_\_\_  
Zip code \_\_\_\_\_  
Town \_\_\_\_\_  
Phone \_\_\_\_\_

**We installed this system correctly and handed it over to the client on \_\_\_\_\_.**

Stamp and signature of installation company

**i** **DAIKIN recommends that, for the operating safety of your heating system, you sign a maintenance contract, and make a record of the maintenance work that is carried out and the measurements taken. Please enter the system situation at commissioning and the values set, in the fields above for the relevant solar system.**

**i!** **DAIKIN Airconditioning Germany GmbH** accepts the guarantee with respect to the end customer with reference to material and manufacturing faults in accordance with the guarantee conditions. There will only be a valid guarantee liability if the equipment has been installed and commissioned by an expert company, and if this form has been completed in full and returned to the sales partner quoted below. Please have this confirmed by your installation company in writing on this instruction certificate.

**Data protection clause**

All the signatories and receivers of this form commit not handing the personal details contained therein to third parties without specific agreement.

**Guarantee conditions**

The legal guarantee conditions fundamentally apply. Our warranty conditions beyond that can be found online on your sales representative's webpage.

**Copy**

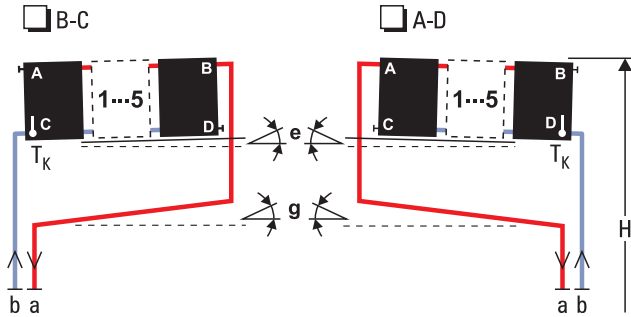
Original: --> DAIKIN Airconditioning Germany GmbH   
1st. Copy: --> customer   
2nd. Copy: --> installation company



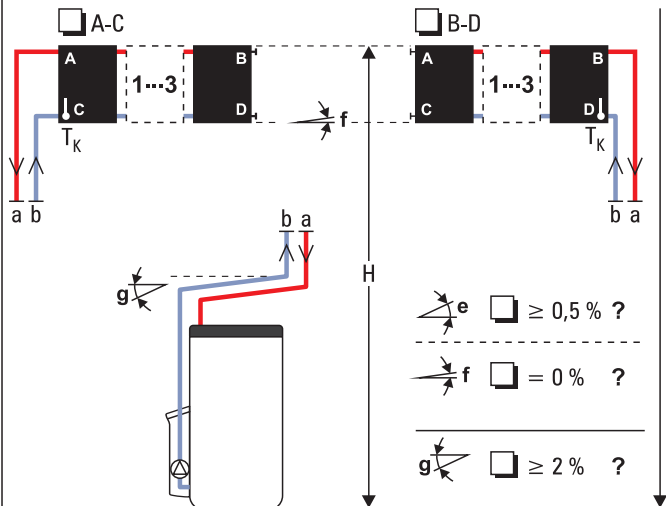
# 1. Drain-back system (unpressurised)

(If the system is pressurised, please fill out the data in 2.)

## Two-way collector connection (recommended)



## Same-side collector connection



Collector temperature sensor position:  C  D

Fig. 1-1 Collector connection, drain-back system

## Other comments

---



---



---



---



---



---

## Installation data

System height (Fig. 1-1, dimension H): \_\_\_\_\_ m

Total length of the junction line: \_\_\_\_\_ m

Connection line laid with a constant gradient? \*  Yes  No

**Two-way connection:** Collector array fitted with an overall gradient to lower collector connection (return)? \*  Yes  No

**Same-side connection:** Lower edges of collector fitted precisely horizontally? \*  Yes  No

\* *Guarantee claims for drain-back systems are automatically void if the answer to this question is "no".*

## Control and pump unit

Type:<sup>1)</sup> \_\_\_\_\_

Serial number:<sup>2)</sup> \_\_\_\_\_

Software version:<sup>2)</sup> \_\_\_\_\_

- 1) See type plate on the controller housing.
- 2) See instruction manual.

## Settings for solar system operation:

Switch-on temperature difference: Delta T on = \_\_\_\_\_ K

Switch-off temperature difference: Delta T off = \_\_\_\_\_ K

Maximum storage tank temperature: T<sub>s</sub> max = \_\_\_\_\_ °C

Collector sensor position: TK pos = \_\_\_\_\_

Minimum run time of the solar operating pump PS at maximum output: time P2 = \_\_\_\_\_ s

Adjustment: Flow at start: VS = \_\_\_\_\_ l/min

## Enter only if different from factory setting:

Booster temperature: TK max = \_\_\_\_\_ °C

Switch-on inhibit temperature: TK perm = \_\_\_\_\_ °C

Threshold solar panel temperature for activation of the frost protection function: T frost = \_\_\_\_\_ °C

Minimum solar panel temperature for release of pump operation with active frost protection function: TK save = \_\_\_\_\_ °C

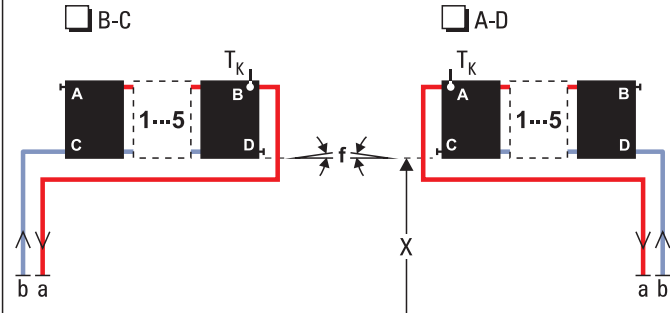
Blocking time solar operating pump P<sub>s</sub>: time SP = \_\_\_\_\_ sec



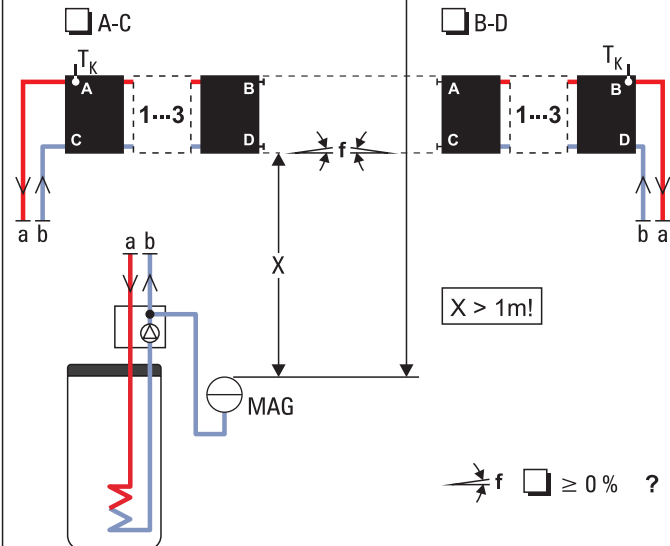
## 2. Pressurised system

(If the drain-back system is unpressurised, please fill out the data in 1.)

### Two-way collector connection



### Same-side collector connection



Collector temperature sensor position:  A  B

Fig. 1-2 Collector connection pressure system

### Other comments

---



---



---



---



---



---

### Installation data

Total length of the junction line: \_\_\_\_\_ m

MAG position at least 1 m under collector array lower edge (Fig. 1-2, dimension X)?  Yes  No

MAG initial pressure: \_\_\_\_\_ bar

Glycol proportion in the solar circuit: \_\_\_\_\_ %

Solar fluid type: \_\_\_\_\_

Pumping station type: \_\_\_\_\_

### Solar control system

Type:<sup>1)</sup> \_\_\_\_\_

Serial number:<sup>2)</sup> \_\_\_\_\_

Software version:<sup>2)</sup> \_\_\_\_\_

- 1) See type plate on the controller housing
- 2) See instruction manual

### Settings for solar system operation:

Select system (as per installation and operating instructions): \_\_\_\_\_

On switching diff.1: \_\_\_\_\_ K      Off switching diff.1 : \_\_\_\_\_ K

On switching diff.2: \_\_\_\_\_ K      Off switching diff.2 : \_\_\_\_\_ K

Max tank temp., tank1\*: \_\_\_\_\_ °C      Max tank temp., tank2\*: \_\_\_\_\_ °C

Max. coll. Temp. : \_\_\_\_\_ °C



\* For Daikin plastic hot water storage tanks, 85 °C is the maximum permitted.