



- A. First check that the front part of the solar system looks to the South and then pierce the floor.
- B. In case the collector has extra outlets, then you have to tap them, according to step 16.
- C. Check that you fulfill the closed circuit of the solar system with water and antifreeze liquid according to the instructions indicated on the label of antifreeze liquid and then screw the expansion tank EMPTY and the pressure relief valve with use of teflon insulation.
- D. Check before leaving the installation site that all bolts are properly tightened and all piping are properly connected without leaking.



E. **ATTENTION!** The connection of the backup heating element must be done by experienced personnel.

Technical Manual

For the installation of a solar system

with 1x vertical collector and diagonal connection



- | | | | |
|--|--|---|---|
| <p>1</p> <p>Mounting structures x2</p> | <p>2</p> <p>Shield x1</p> | <p>3</p> <p>Collector angle connector x2</p> | <p>4</p> <p>Shield angle connectors x2</p> |
| <p>5</p> <p>Steel Nut M8 x17</p> | <p>6</p> <p>Steel screw M8x12 x21</p> | <p>7</p> <p>Plastic expansion D10 x4</p> | <p>8</p> <p>Hanger bolts x4</p> |
| <p>9</p> <p>Short inox hose x1</p> | <p>10</p> <p>Steel Washer M8x24 x2</p> | <p>11</p> <p>Brass elbow 3/4" x1</p> | <p>12</p> <p>Long inox hose x1</p> |
| <p>13</p> <p>Non-return pressure valve x1</p> | <p>14</p> <p>Brass elbow with O ring x2</p> | <p>15</p> <p>Expansion tank x1</p> | <p>16</p> <p>Pressure relief valve x1</p> |
| <p>17</p> <p>Anti-freeze liquid x1</p> | <p>18</p> <p>Rubber Gasket x4</p> | <p>19</p> <p>Brass plug with O-ring x2</p> | <p>20</p> <p>Brass reinforcement x4</p> |
| <p>21</p> <p>Mounting X x2</p> | | | |

1 Step

!
example
2x6
2 items from object 6

2x6
2x5

2 Step

!

THIS SIDE OUT

2x5
2x6

3 Step

Attention to the sticker:
"THIS SIDE OUT"
On the outer side of the mounting structure

96-100cm

96-100cm

!

THIS SIDE OUT

4 Step

1x5
1x6
2x21

5 Step

4x5
4x6

6 Step

THIS SIDE DOWN

!

7 Step

2x6

8 Step

! Move and place the mounting structures in the correct orientation and then align and center the collector on the structures.

9 Step

4x6
2x3
2x5

10 Step

4x7
4x8

11 Step

2x4
2x5
2x6

12 Step

2x5
2x6
2x10
1x2

13 Step

Press the center of the shield in order to curvature it like in step 14

14 Step

2x5
2x6

15 Step

Inlet of hot liquid from collector

Backup heating element

Inlet of cold water from water network

Outlet of hot water for use

Outlet of cold liquid to collector