



Thermosysphon systems DONT'S

AEE - Institute for Sustainable Technologies (AEE INTEC)
8200 Gleisdorf, Feldgasse 19, AUSTRIA



SOLTRAIN

Demonstration systems - Inspection



Wrong installation of vacuum breaker



Demonstration systems - Inspection



Fixation of pipes not sufficient



Demonstration systems - Inspection



Orientation of outlet of TPRV

Demonstration systems - Inspection



Missing insulation

Demonstration systems - Inspection



Incorrect position of collectors



Demonstration systems – Inspection roof penetration



Demonstration systems – Inspection roof penetration



Demonstration systems – Inspection roof penetration



Demonstration systems – Inspection roof penetration



Demonstration systems – Inspection roof penetration



Roof penetration

Demonstration systems – Inspection roof penetration



Roof penetration

Demonstration systems – Inspection Roof penetration



Demonstration systems – Inspection Leakage



leaking spots in the system

Demonstration systems – Inspection Position of collectors



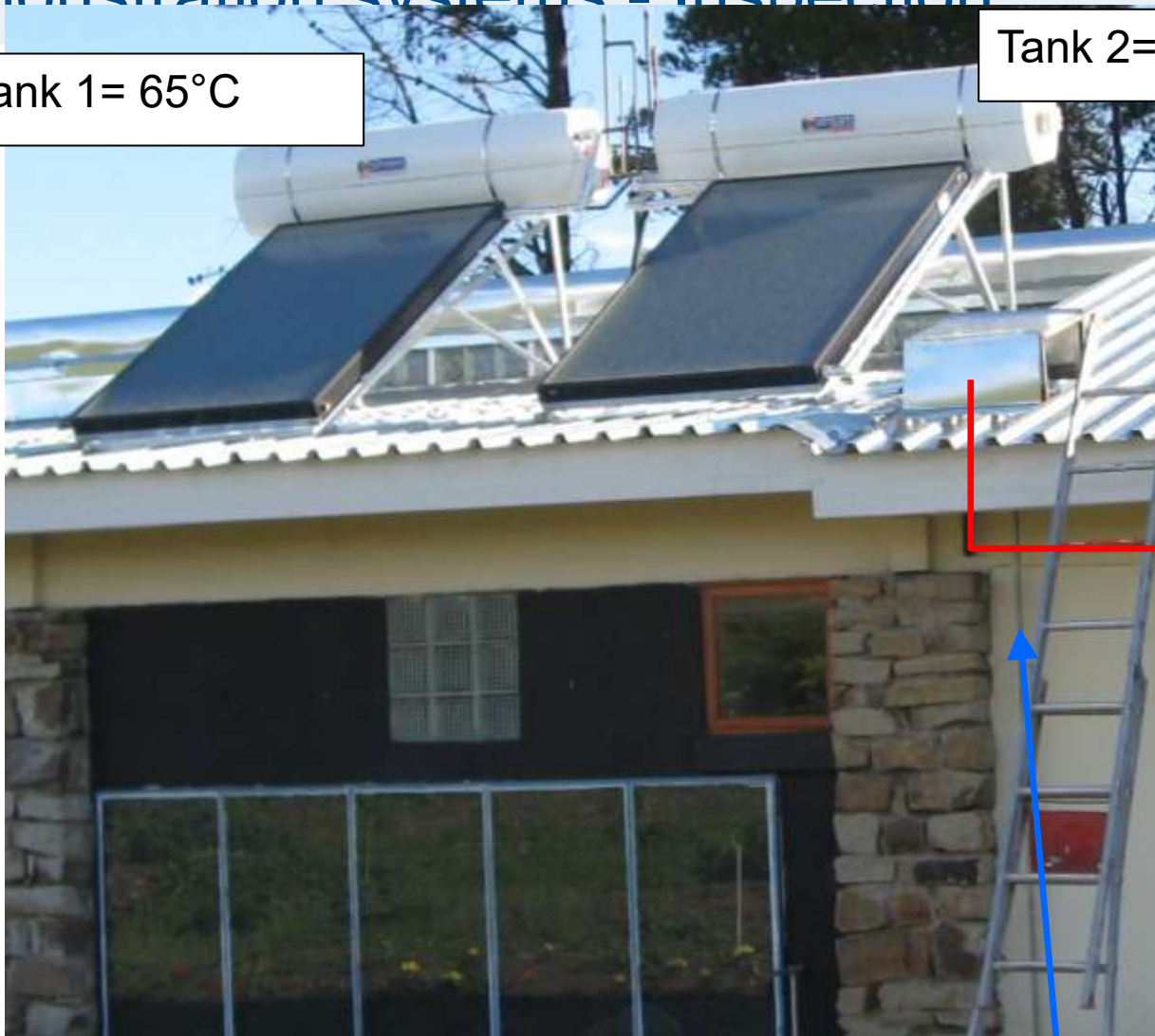
Incorrect position of
collectors



Demonstration systems - Inspection

Tank 1 = 65°C

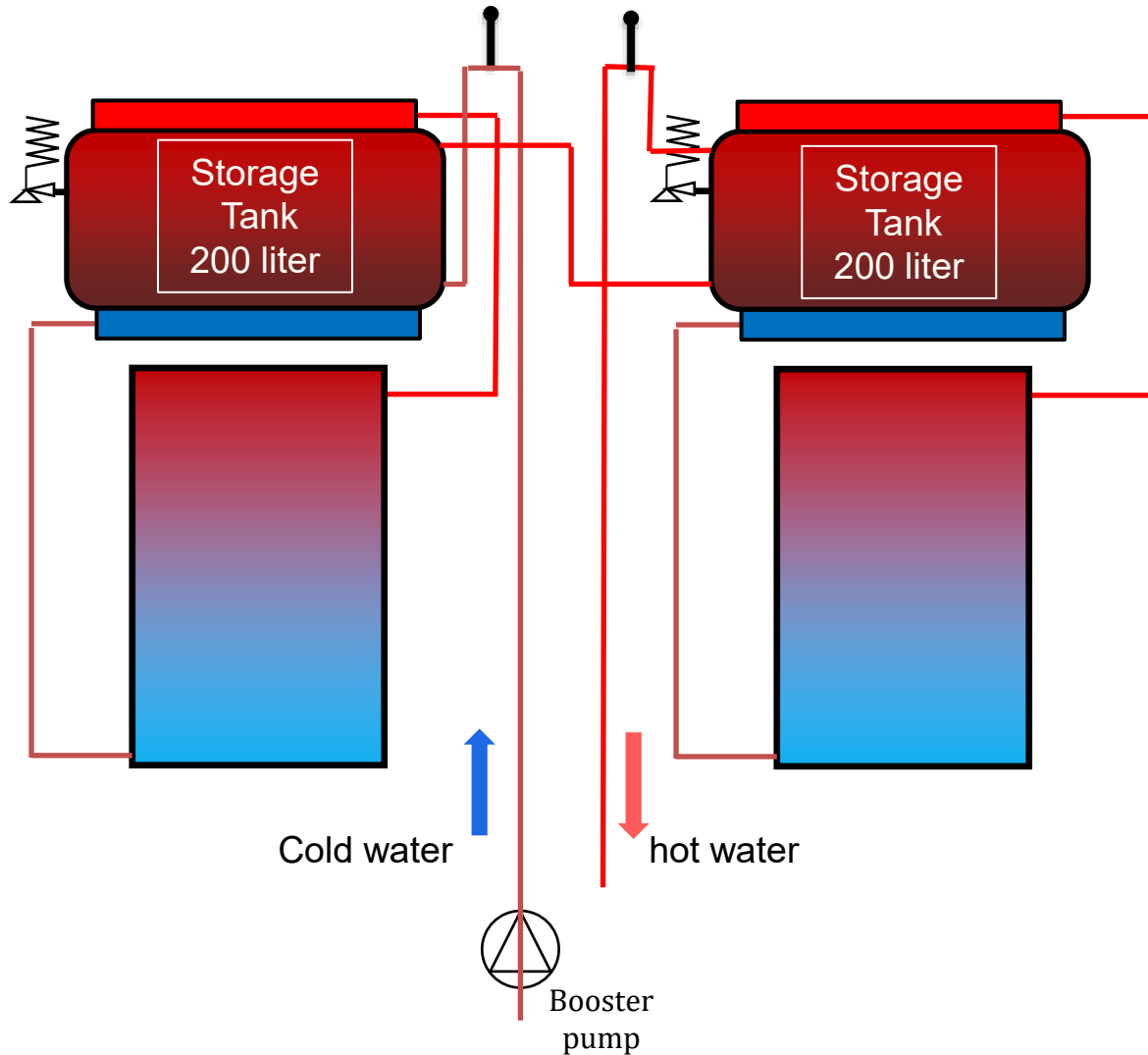
Tank 2 = 25°C



Hot water = 25°C

Cold water = 20°C

Demonstration systems



Demonstration systems - Inspection



Demonstration systems - Inspection



UV protection of insulation



Avoid Roof damages



Installation of SWH











INSTALLATION SPECIFICATION

SANS 10254

INSTALLATION SPECIFICATION

FOR THE FOLLOWING EQUIPMENT

1. WATER FILTERS

2. WATER PURIFIERS

3. WATER SOFTENERS

4. WATER TREATMENT SYSTEMS

5. WATER TREATMENT PLANTS

6. WATER TREATMENT DEVICES

7. WATER TREATMENT APPARATUS

8. WATER TREATMENT MACHINES

9. WATER TREATMENT EQUIPMENT

10. WATER TREATMENT SYSTEMS

11. WATER TREATMENT PLANTS

12. WATER TREATMENT DEVICES

13. WATER TREATMENT APPARATUS

14. WATER TREATMENT MACHINES

15. WATER TREATMENT EQUIPMENT

16. WATER TREATMENT SYSTEMS

17. WATER TREATMENT PLANTS

18. WATER TREATMENT DEVICES

19. WATER TREATMENT APPARATUS

20. WATER TREATMENT MACHINES

21. WATER TREATMENT EQUIPMENT

22. WATER TREATMENT SYSTEMS

23. WATER TREATMENT PLANTS

24. WATER TREATMENT DEVICES

25. WATER TREATMENT APPARATUS

26. WATER TREATMENT MACHINES

27. WATER TREATMENT EQUIPMENT

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98. WATER TREATMENT MACHINES

99. WATER TREATMENT EQUIPMENT

100. WATER TREATMENT SYSTEMS

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An aerial photograph of a modern building complex. The main building has a large, tilted roof covered in solar panels. To the left is a courtyard with a paved area and a small tree. In the background, there are other buildings and trees under a clear blue sky. A yellow vertical bar is on the left side of the image, with a dark blue curved shape at the bottom containing the text 'AEE INTEC'. A white horizontal bar is overlaid on the image with the text 'IDEA TO ACTION'.

AEE INTEC

IDEA TO ACTION

**Thank you
for your Attention**