

# District Heating

*Inexpensive with a Swiss Solartank®*

 Jenni Energietechnik Inc.

The **Swiss Solartank®** with integrated water heater is the optimal choice with significant advantages compared to other district heating systems:

- ✓ system detachment integrated
- ✓ very little calcination due to indirect heating of the drinking water
- ✓ lowest return temperature to district heating
- ✓ ideal temperature stratification due to right position of the connections
- ✓ heat storage for constant utilization of the district heating
- ✓ suitable for heating systems of all sizes, custom-built versions available
- ✓ inexpensive
- ✓ easily expandable to a solar heating system (optional)
- ✓ fully assembled and ready-to-use
- ✓ high quality of all components



 SWISS MADE

Subject to modifications.

## A smart choice

Due to consistently layered charging and discharging, heating return and cold water inlet provide a low district heating return temperature. Unlike other conventional systems the return temperature is not influenced by heating the drinking water.

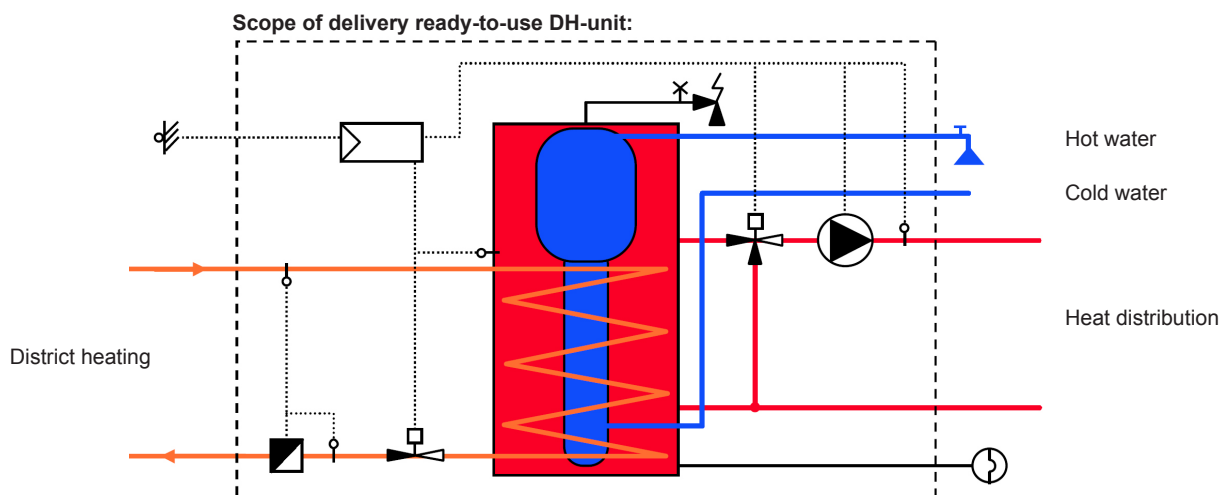
The big difference between high inlet and low return temperature allows transporting water in smaller pipes. Therewith the distribution net will need smaller pipes and less pump capacity. You will have a system that loses less heat and is less expensive.

## Investment

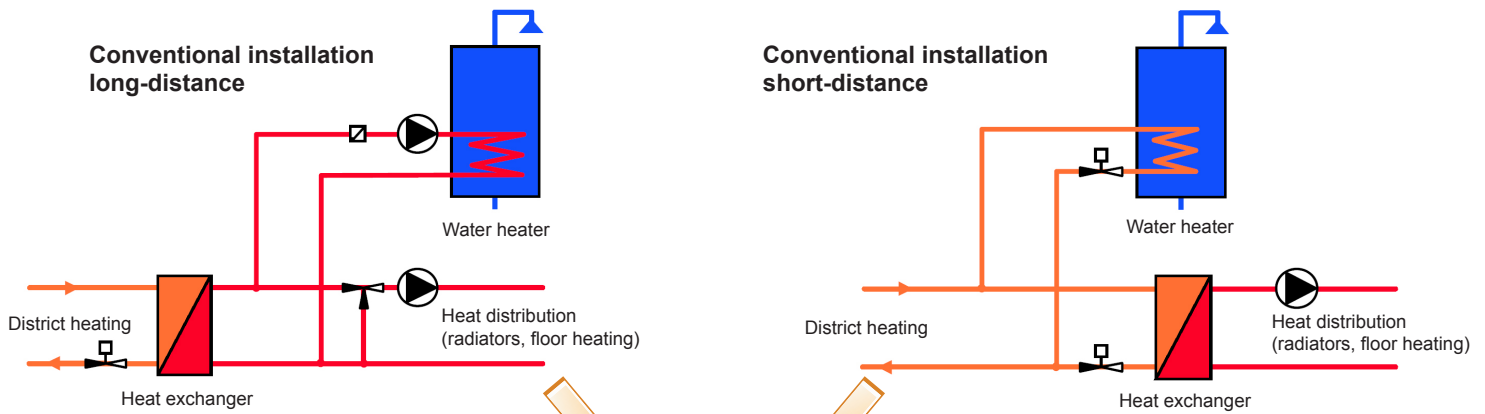
<b>Thermal stratification tank with 690 l</b> with integrated water heater and heat exchanger, insulated with 130 mm of glass wool and plastic cladding	CHF 4'490.—
<b>Fittings</b> for charging and discharging, security fitting 3 bar, pre-installed	CHF 2'300.—
<b>Control</b> for the DH unit and heat meter, pre-installed	CHF 1'350.—
<b>Total DH-unit* excl. VAT (unit price)</b> (* delivered in one piece and ready-to-use)	<b>CHF 8'140.—</b>

<b>Option</b>	
Heat exchanger for solar circuit	CHF 470.—
Custom-built tanks and quantity discounts: on request.	

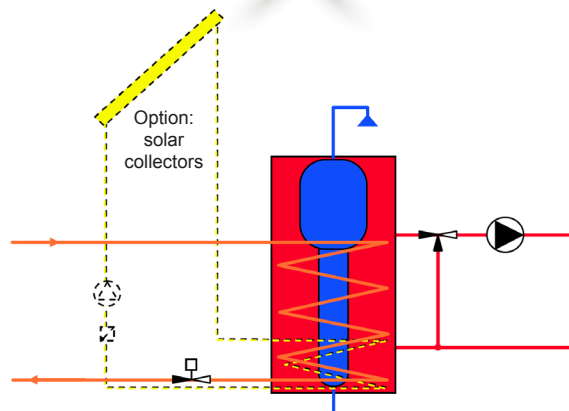
Would you like further information or a personal consultation? Please contact us.



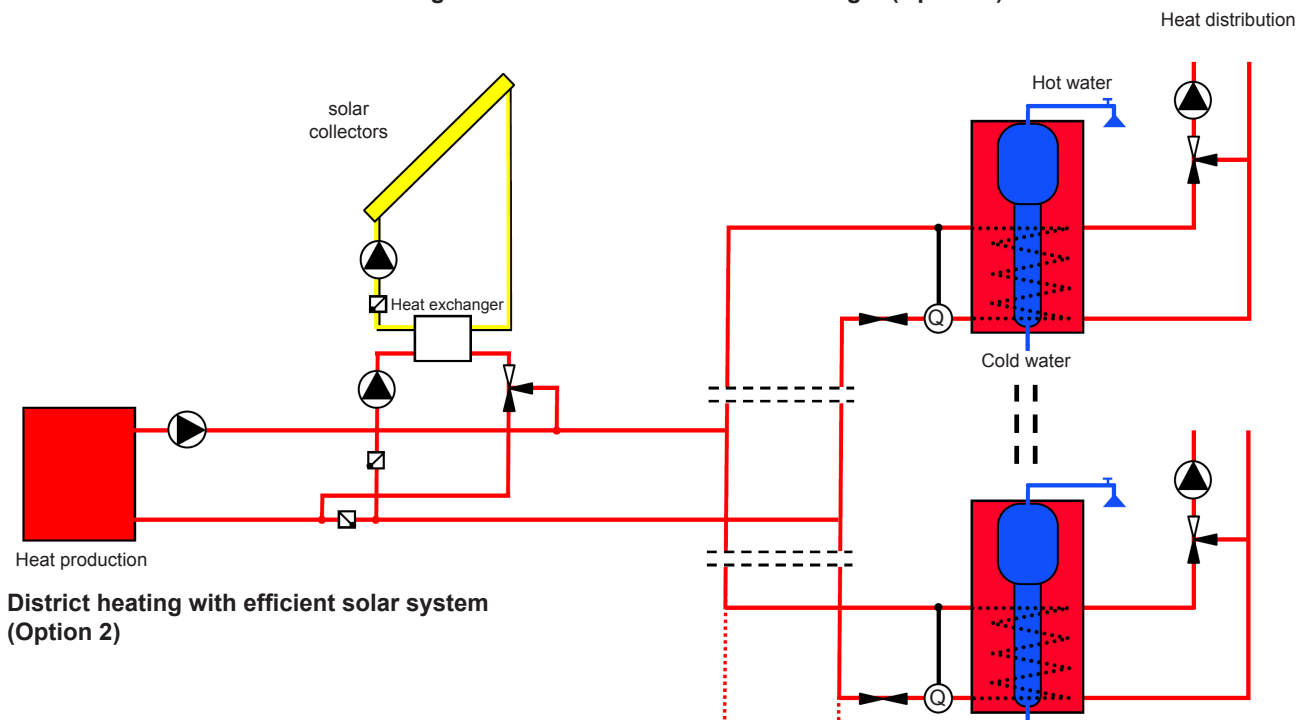
## Conventional installation



## Optimized concept



**District heating unit with Swiss Solartank<sup>®</sup>, with integrated water heater and heat exchanger (Option 1)**



**District heating with efficient solar system (Option 2)**

There are different efficient options to combine solar energy with district heating:

- Decentralized solar systems with solar heat exchanger integrated in district heating units (Option 1)
- Central solar system with direct feed-in of solar heat into the long-distance circuit by plate heat exchanger (Option 2)
- Central solar system with central solar tank and heat distribution via district heating units



Your partner:



Your expert for solar heating systems,  
heat recovery and district heating

**Jenni Energietechnik Inc.**

Lochbachstrasse 22 / Postfach  
CH-3414 Oberburg (Switzerland)

T ++41 (0)34 420 30 00 / F ++41 (0)34 420 30 01  
info@jenni.ch / www.jenni.ch