



KaMo-System

District Heating Units

Distribution of
Water and Heat.
With System.

District Heating Units

Overview:

District heating networks usually extend over parts of or entire cities. District heating transfer units are the link between district heating and the client. As a primary energy source coal, natural gas, biogas, oil, wood and wood products can be used. District heating transfer units are produced according to customer requirements in accordance with applicable standards and the specifications of the supplier (TCC = technical connection conditions).

In a residence the decentralized residential units ensure individual heat supply and hygienic water supply throughout the year.

Advantages at a glance:

- No chimney, no subsequent maintenance costs
- No boiler, additional storage room for individual use
- No storage of fuels
- Security of supply
- Low operating costs

Function:

The hot heating water coming from the pipes of the local district heating supply company is directed at the right pressure and temperature to the unit. The temperature can vary depending on the season from high during the cold season to lower during the warmer seasons. The heating water flows into the primary flow through the shut-off valve and strainer. To measure pressure and temperature, pressure gauges and thermometers are fitted in the flow and return. The heat exchange takes place via a stainless steel plate heat-exchanger using the counter-current principle. A heat meter determines on the basis of the temperature difference (DT) and flow volume the energy consumption.

CLIENT SPECIFIC

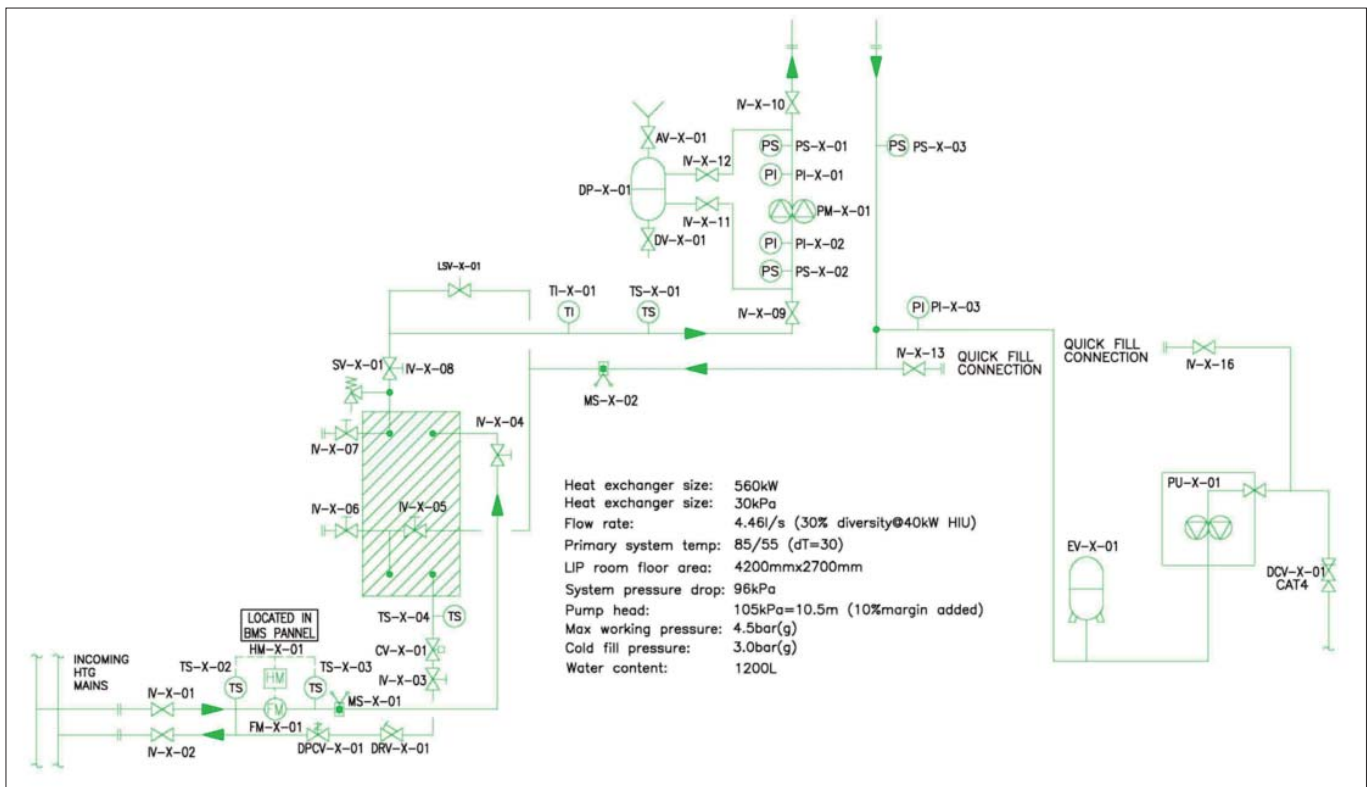
- In accordance with TCC
- Location specific planning and construction
- Coordination with the power company

ADAPTABLE

Individual connection options for heating water and steam networks

INDUSTRIAL PRODUCTION

- Easy to install
- Integrated measurement, automation and control engineering
- Ready for connection
- Electrically wired units
- Safety tested
- High transmission performance in the smallest of spaces
- Performance range up to 5000 KW





Heat transfer unit 280 kW

Mounted on frame stand
Easy and quick installation on site



Double (twin) heat transfer unit 2 x 3.500 kW

With two control loops

- cascade control (alternating)
- optimised partial load operation
- disturbance switch
- increased supply security

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