

District heating substation - DSE Flex

**Flexible** station **design**  
saves you space and makes  
**installation easy**

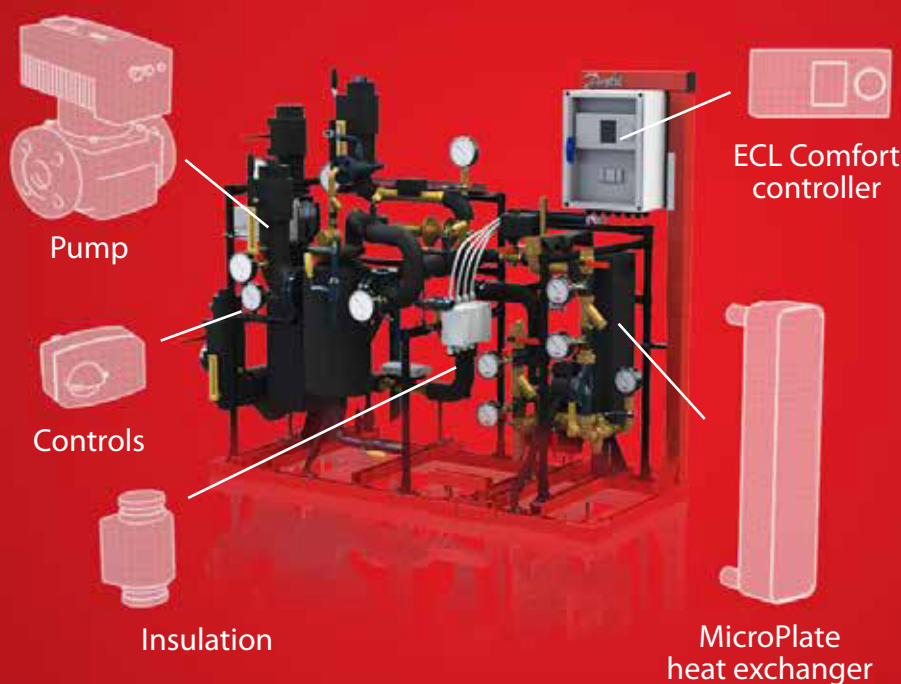


Up to

**3 hours**

faster hauling due  
to special features  
and the small size  
and weight of the  
substation.

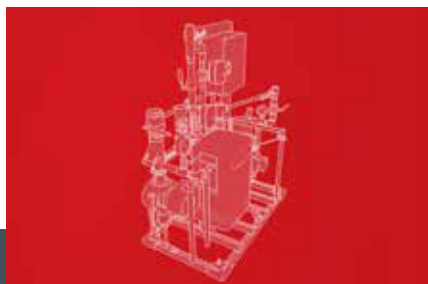
# Get introduced to DSE Flex



- The DSE FLEX substation can be used for various applications such as heating, domestic hot water and/or other water based heating systems.
- Suitable for heating of multifamily houses, commercial and industrial buildings.
- Due to its flexibility, it is possible to deliver a 1-, 2- or 3-circuit substation with possibility to make combinations between modules if more circuits are required. This is based on customer requests and the needed application(s).
- The substation is floor mounted, has a light profile, compact size and is designed for fast and safe transportation.
- Capacity range with up to 560 kW HE and 590 kW DHW. Maximum capacity is determined by temperature, allowable pressure drops and local regulations.

## When DSE Flex arrives

...you get an indirect, modular and flexible substation with features that benefit the district heating utility, the installers and the building owners.



Planning is made easy by available 3D drawings. DSE Flex arrives fast, ready for installation. A hauling instruction is placed on the product to ensure transportation with no damages.



DSE Flex has a compact and light weight design, which makes hauling hassle-free. In case it is needed the station allows easy disassembly and reassembly.



The installation of DSE Flex can be completed fast e.g. due to the low connection height, and the compact design frees up space in the heating room.

# When DSE Flex operates in your heating system, you will start gaining the benefits from



## Energy efficiency by high system performance

DSE Flex is designed to set high standards in energy efficient system performance. This is done by applying:

- Electronic ECL Comfort controller for control of the heating and domestic hot water circuits
- Access to ECL Portal SCADA tool for system monitoring and control
- Brazed MicroPlate™ heat exchangers with patented heat transfer plate technology
- High efficient A-rated circulation pumps
- Full insulation options



## Service friendliness and warranty

- Easy access to all key components enables trouble-free maintenance and time-saving servicing
- Advanced gasket system – for safe and leakage-free primary side pipe connection
- Only one partner to contact in case of technical support and service
- Extended warranty options



## A complete solution delivered by one recognized supplier

- The substation is equipped with high quality Danfoss components, which are tested and optimized for safe and reliable operation
- All Danfoss substations and heat exchangers are manufactured according to European Pressure Directive PED 97/23/EC
- Development, construction and manufacturing based upon "zero defects" principles. To fulfill this we have implemented Quality Management System in compliance with ISO9001 standard and will be compliant with ISO/TS16949.





## 3 good reasons to **choose Danfoss**

Danfoss has been at the frontier of defining district heating engineering for almost 25 years. Adding to our leading product portfolio, you get:



1

Access to application experts with deep understanding of your challenges



2

Quality first! Manufacturing to the highest standards, including ISO 9001/14001 and ISO/TS16949 certifications



3

A full service reliable and dedicated business partner for you



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Do you want to know more?  
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**Danfoss A/S** · DK-6430 Nordborg · Denmark · Tel.: +45 74 88 22 22 · Fax: +45 74 49 03 95

E-mail: [districtenergy@danfoss.com](mailto:districtenergy@danfoss.com) · [www.heating.danfoss.com](http://www.heating.danfoss.com)

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