



Högfors
GST
Energy used wisely.

GST



Heating substation for district heating

GST substation is the number one choice for connecting buildings to the district heating system. High product quality is guaranteed by solid expertise on district heating, efficient engineering and installation combined with competent functional and visual design. The substations are introduced to the market by well known professionals of district heating.

Heating substation for district heating

For space heating, air conditioning systems and domestic hot water

The GST substation is suitable for use in both new buildings and renovation projects.

The substation is provided with brazed or gasketed – world top class plate heat exchangers with heat surface plates made of stain less steel. GST substation is reliable and most efficient compared to its size.

GST substations are light-weight and have a compact construction. The substations are manufactured using standard components, thus enabling short delivery times. Other features include easy transportation, installation and the fact that all components are readily accessible for inspection and future service.

Compact construction and easy installation

The GST substation is installed on the floor using a platform with adjustable legs. At the installation site, the unit's pipes are connected to the district heating, heating, air conditioning and hot water systems. The GST substation only requires a power supply, installation of the outdoor sensor, and cable connections for the necessary alarms. The GST substation is then ready for use.

GST Heating Substation – optimized properties delivered with short delivery time

GST substations are dimensioned with the knowledge based on strong experience. This results to a product which fully meets the customer demands and expectations. As our customer You get a substation with optimized properties, manufactured from well known quality components and materials. This means reliability – long and carefree operation time for one of the most important elements in the building's heating system. Not only is our substation technically very competitive, you will have your new GST substation very rapidly at your disposal. Short delivery times are an important part of our business.

Normative dimension and weight chart of 2-3 circuited GST heating Substation

| DHW [kW] | Heating [kW] 115-45 / 40-70 | Heating [kW] 115-65 / 60-80 | Heating [DN] | Cold/warm water [DN] | DHW circulation | Length [mm] | Length [mm] if 3 circuits | Height [mm] | Depth [mm] | Weight [kg] | Weight [kg] if 3 circuits |
|----------|-----------------------------|-----------------------------|--------------|----------------------|-----------------|-------------|---------------------------|-------------|------------|-------------|---------------------------|
| 90 | 61 | 41 | 32 | 22 | 22 | 1000 | 1650 | 1250 | 600 | 78 | 107 |
| 150 | 111 | 74 | 40 | 28 | 22 | 1100 | 1750 | 1250 | 600 | 84 | 116 |
| 200 | 150 | 100 | 50 | 35 | 22 | 1150 | 1800 | 1250 | 600 | 90 | 125 |
| 200 | 211 | 141 | 50 | 35 | 22 | 1150 | 1800 | 1250 | 650 | 95 | 133 |
| 300 | 250 | 166 | 65 | 42 | 28 | 1250 | 1900 | 1400 | 650 | 114 | 161 |
| 400 | 300 | 200 | 65 | 54 | 35 | 1400 | 2050 | 1400 | 700 | 135 | 193 |
| 500 | 411 | 274 | 65 | 54 | 35 | 1500 | 2250 | 1600 | 700 | 145 | 208 |
| 710 | 710 | 473 | 80 | 64 | 42 | 1600 | 2400 | 1900 | 800 | 220 | 320 |

HögforsGST International heating expertise HögforsGST Oy specialises in the manufacture, sales and marketing of high-quality heating systems. The company's strong expertise on heating systems reaches beyond Finland. Our competence is based on our in-depth experience in production, line manufacturing, high-volume customisation and project production as well as familiarity with the HVAC acquisition channels and logistics both in Finland and abroad. Our business has always been based on determining sufficient operating requirements on the market, customer-orientation and reliability. Equally important is our uncompromising approach with the high quality of our products and services. We reserve the right to make changes.