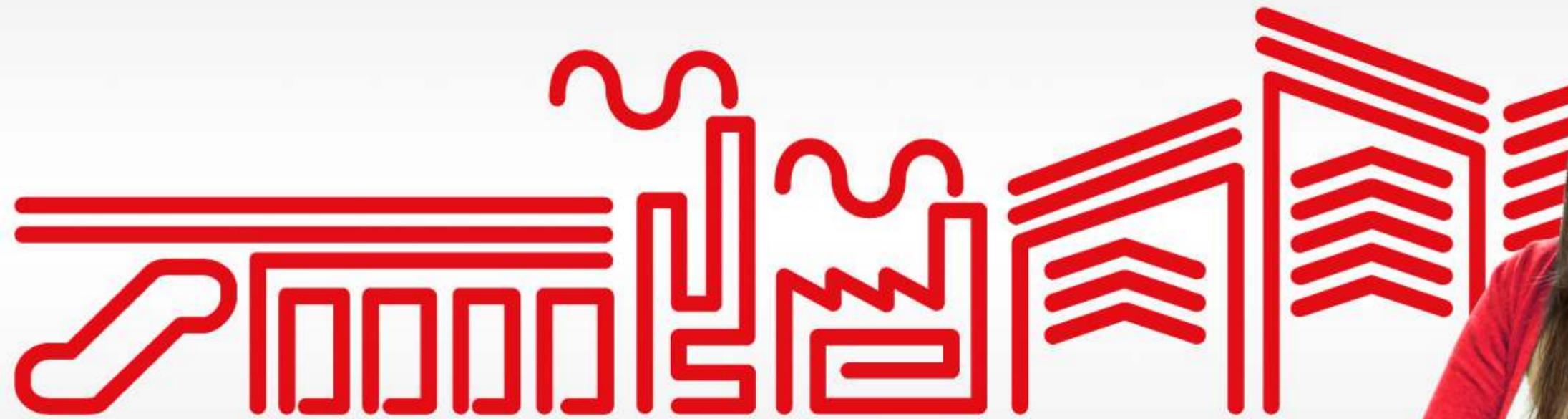


District Energy Solutions

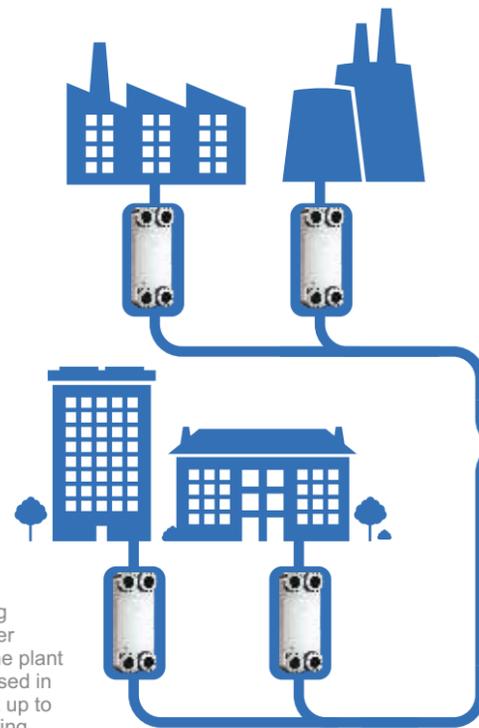


SWEP is one of the world's leading suppliers of Brazen Plate Heat Exchangers (BPHEs). World-leading within the field of heat transfer, SWEP constantly advances the front line in order to supply the latest technology to the market. SWEP's goal is to offer its customers excellent performance, economy and service. SWEP was established in 1983 by small group of pioneers in thermal engineering who were

among the first to commercialize the BPHE technology. SWEP is close to its customers, with representation in more than 50 countries and its own dedicated sales force in more than 20 countries. Production units in Sweden, Switzerland, USA, Malaysia, Slovakia and China make it possible to serve customers all over the world. The company is part of the global Dover Corporation.

SWEP District Energy Solutions

SWEP has supplied millions of brazed plate heat exchangers to the district heating and cooling industry since 1984. Our expertise in large urban district energy solutions is shown in our presence in cities all over the world, like Shanghai, Frankfurt, Vienna, Amsterdam, Budapest, Moscow, Prague and many more.



In a district cooling network, cold water distributed from the plant and the B649 is used in substations to link up to the building's cooling system, where it is used to cool the air.



In a district heating network, the B649 acts as a pressure breaker between the plant and the residential or industrial building's substations.

Our Brazed Plate Heat Exchangers are the perfect choice for District Heating and Cooling networks

District heating and cooling networks transport hot and cold water through pipes to homes, offices, hospitals and industry in need of heating and cooling.

Historically, shell and tube heat exchangers have been used in district energy networks, and were later replaced by gasket heat exchangers (PHE). In modern systems where brazed plate heat exchangers (BPHE) have been installed, the benefits are so

overwhelming in terms of cost savings and energy efficiency, that it has rapidly become the preferred choice.

High-tech, small footprint solutions for tomorrow

SWEP has installed millions of BPHEs in District Heating and Cooling networks.

The extraordinary energy efficiency that are the hallmark of our products, together with the millions of tons of saved steel in our compact product design and

lowered transportation costs, amounts to substantial savings in footprint. The brazed construction means no gaskets, so reliability is high and maintenance costs minimal. Countless man hours are saved due to ease of installation, low maintenance and minimal downtime.

B649 - A one-phase BPHE for District Heating and Cooling applications

The B649 is suitable for District heating and Cooling systems worldwide. Its ground-breaking DN 150 ports

accommodate for a complete conversion to BPHEs in District Energy networks.

The B649 is developed for networks that need an efficient and compact BPHE with close temperature approaches at high operating pressure.

The B649 offers PHE-like capacities without the wear and tear of parts – in fact this high-capacity BPHE saves money on everything; spare parts, space, energy consumption, transportation and installation.