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SWEP products meet heat pump demands

LANDSKRONA, Sweden, January 1, 2017 – SWEP meets the growing global demand for increased energy efficiency by offering ultra-compact formats for the light commercial and residential heat pump market: the brazed plate heat exchangers B26 and the B8LAS, which are new to the market.

Both exchangers utilize the unique AsyMatrix® technology, offering high heat transfer efficiency with low pressure drop. This enables system builders to make more efficient and compact systems. The B26 is designed to be a high-performance condenser, making it ideal for heat pump applications, and the compact B8LAS offers high efficiency and versatile solutions for high-efficiency heat pumps and refrigeration applications.

SWEP also offers a state-of-the-art evaporator for ground-source heat pumps. The Q85 presents a step change and pushes the limits of the thermodynamic laws for an evaporator. This solution is also optimized for variable flow compressors. Larger capacity reversible heat pumps benefit from the new 80 series which combine great condenser performance and solid evaporator performance.

SWEP is a Swedish-based company and part of the Dover Corporation. Always at the forefront of brazed plate heat exchanger technology, SWEP offers a wide range of products that allows you to optimize the use of energy, material, and space in your heating and cooling systems.

	<p><i>The compact B8LAS is a product developed to combine the highest thermal performance with low pressure drop. With a plate geometry using that uses AsyMatrix® technology, the unit offers a high efficiency and versatile solutions for high- efficiency heat pumps and refrigeration applications.</i></p>	<p>Photo: SWEP</p>
	<p><i>The B26 is an asymmetric condenser for ground source and reversible air-to-water heat pumps with a wide capacity range between 5-40kW. The asymmetric plate geometry allows for the unit to deliver superior performance with a very low water pressure drop to optimize system efficiency.</i></p>	<p>Photo: SWEP</p>
	<p><i>The Q86 is a highly efficient evaporator developed to meet the increasingly demanding requirements of efficient heat pumps. The fully integrated Q-pipe distribution system is optimized for high-efficiency heat pumps, and is the most efficient and versatile on the market.</i></p>	<p>Photo: SWEP</p>

About SWEP

SWEP is the world’s leading supplier of compact brazed plate heat exchangers (BPHEs). These products are used where heat needs to be transferred efficiently in air conditioning, refrigeration, heating, and industrial applications. SWEP is close to its customers, with representation in more than 50 countries and its own dedicated sales force in more than 20 countries. Highly efficient production units in Sweden, Switzerland, the USA, Malaysia, Slovakia and China enable SWEP to serve customers all over the world. SWEP is part of the global Dover Corporation, which is a multi-billion-dollar, NYSE-traded, diversified manufacturer of a wide range of proprietary products and components for industrial and commercial use.

About brazed plate heat exchangers

A brazed plate heat exchanger consists of corrugated plates, combined to create complex channels through which a hot medium and a cold medium can be distributed. The media flow in separate circuits but come into close proximity, allowing heat to be transferred from one to the other with very high efficiency. The number, type, and configuration of the cover plates can be varied to achieve the required thermal properties.

SWEP’s BPHEs are now AHRI certified!

If you are looking for the additional security of third-party verified performance, the SWEP A range is the choice. As the first brazed plate heat exchangers to be certified by AHRI (the Air-Conditioning, Heating, and Refrigeration Institute), they are well suited for HVAC, district heating, and district cooling applications.

