



Meet our new ultra-efficient, high-capacity ammonia heat pump family: Sabroe HicaHP

To achieve current carbon reduction goals in both industry and district heating, Johnson Controls heat pumps can play a vital role in supporting this departure from fossil fuels.

The Sabroe HicaHP family is our latest generation of industrial, ultra-efficient, high-capacity ammonia heat pumps

The HicaHP family is designed to meet your needs for greater energy efficiency and operating flexibility, and a reliable solution with low operational costs for decades.

95°C outgoing water

Capable of delivering up to 25 MW heat and 95°C outgoing water, this is the ultimate solution for lowering operational costs, downtime and overall cost of ownership.

The flexibility of the modular design makes it possible to capture waste heat at multiple temperatures with optimal efficiency.

The core of the HicaHP family is the new high-pressure screw compressor

Created specifically to address market requirements for heat pump applications, it includes an innovative short rotor and rotor profile to reduce deflection and vibration.

Range

There are six different models in the HicaHP heat pump range, with capacities ranging from four MW to 25 MW.

New large investments in the Johnson Controls Sabroe test centre are key to our continuous success

For more than 20 years, the development of Sabroe products has been subject to thorough testing in our R&D test centre at the Holme factory.

The test centre has been a key factor in our current success in developing chillers, heat pumps and other high-quality products that meet and exceed market demands.

Thanks to a recent large investment, we can now offer an essential upgrade to support the continuous success in developing compressors, screws, chillers and heat pumps for the future.

We have a leading portfolio of industrial solutions, all using natural refrigerants

Some of the HicaHP benefits:

- Easy pre-commissioning
- Consistently high performance at both full and part load
- Increased lifetime and service intervals
- Lower total lifecycle cost
- Increased reliability and uptime



Heat pump technology is your enabler for achieving net zero carbon goals

Green technology for carbon-neutral operations

Using the environmentally-friendly natural refrigerant ammonia, Sabroe products provide green technology for effectively paving the way to the carbon-neutral operations and industrial processes essential for virtually every enterprise, and as the basis for responsible operations moving forward.

For more sustainable, cost-effective heating, choose the HicaHP family from Johnson Controls, your heat pumps for a greener future.

High return on investment reclaiming waste heat

All Sabroe heat pumps are designed to make clear business sense when in operation. Large Sabroe heat pumps deliver the performance needed for effective interaction with modern district heating systems.

Sabroe heat pumps can reclaim waste heat effectively under varying conditions and temperatures, ensuring maximum return on investment.

Industries:



District heating



Food and beverage



Hospitals



Buildings



Process industries



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