

Markaryd, Sweden – 25 January 2006

NIBE presents a totally unique heat pump

NIBE Heating, the largest business area within the NIBE Industrier Group, has unveiled a new and totally unique heat pump.

This high-tech, speed-regulated ground-source/geothermal heat pump has a frequency controlled compressor.

“There’s a strong sensation within the NIBE Group that developments throughout Europe are highly positive for our heat pumps right now,” says Gerteric Lindquist, President and CEO for NIBE Industrier. “On the Swedish market, government subsidies have helped to fuel demand for our products. Recently we also received a little extra help from the Swedish Prime Minister, who described the heat pump as a clever Swedish ‘gadget’ that deserved to take the world by storm. In Europe as a whole demand is being boosted not only by high energy prices, but also by the environmental benefits of heat pumps and their unique ability to also ventilate and cool homes,” Lindquist continues.

The new NIBE heat pump adapts itself to the home’s energy needs and produces exactly the right output that is needed to satisfy the requirements for heating and hot water.

Even on the coldest days it will function effectively without any need for a heating element or other additional source of heating.

As a result it produces the maximum seasonal performance factor. Not only does this bring economic benefits for the owner, but it is also welcomed by the electricity supply companies, for whom cold days inevitably mean a shortfall in electricity generation output.

The heat pump is supplied fully complete together with its own intelligent control system, an efficient and effective frequency converter to minimise heat losses, and a built-in water heater.

“It is only a few months since NIBE launched the world’s first serially produced ground-source/geothermal heat pump with a heating factor in excess of 5.0,” says Gerteric Lindquist. “That was a landmark innovation that helped consolidate our position as the undisputed leader among heat pump manufacturers, not only in Europe but worldwide.

“Now it is already time for a new product that advances the cutting edge of technology even further. The resources of NIBE Innovation are being continually reinforced, and the Group’s research and development team is working tirelessly to continue to develop the very best products in terms of technology, performance and quality. More new concepts are already on the way,” Lindquist promises.

Yours sincerely
NIBE Industrier AB

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***NIBE Industrier AB**, which has its head office in Markaryd in the south of Sweden, currently employs 4,200 people and has annual sales of some SEK 3.6 billion (approx. EUR 375 million). The company has been listed on the Stockholm Stock Exchange’s O-List since 1997.*

NIBE Industrier consists of three business areas: NIBE Element, NIBE Heating and NIBE Stoves, all of which are engaged in product development, manufacturing and marketing. Production currently takes place in Sweden, Norway, Finland, Denmark, Poland, the Czech Republic, Italy, Spain and China. The product range is as follows:

***NIBE Element:** components for electric heating applications, primarily tubular and foil elements.*

***NIBE Heating:** heat pumps, domestic boilers, water heaters and district heating equipment.*

***NIBE Stoves:** wood-burning stoves sold under the Handöl, Contura, Cronspisen, Roslagsspisen and Morsø brands.*

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Appendix

Detailed information on the new NIBE heat pump

The new speed-regulated FIGHTER 1250 ground-source/geothermal heat pump is the first of its kind to use a frequency controlled compressor. For the end-user this new hi-tech solution offers significant benefits compared to conventional technology.

- Capacity regulation – When used to heat premises, the operation of the heat pump adapts to the energy requirements of the building in which it is used.
- Higher overall heating seasonal performance factor – For the first time, this new heat pump can be dimensioned to cover the entire energy needs of the premises, to give even greater all-round energy savings. This eliminates the need for additional heating with the help of electricity.
- Extended lifetime for the compressor – Thanks to a significant reduction in the number of starts/stops, it is reasonable to expect that the useful life of the compressor will be prolonged. New technology enables the compressor to operate continuously.
- More even temperature regulation – The heat pump adapts and regulates itself to deliver the exact, even temperature that the building's heating system requires at any given time.
- Better heating comfort.
- The product is constructed in a way which makes it possible to use a main fuse with a lower rating.

This unique new heat pump is scheduled to be launched on the market during the second half of 2006.

It is anticipated that the product will become an important complement to the existing NIBE heat pump programme and will provide the very best solution available for end-users willing to pay a little extra to enjoy the benefits of outstanding performance and convenience.