



Newsletter June 2020

Dear Customer, Distributor and Partner,

## HB Product's construction project is taking off



**HB Products** is currently at a historic moment in the company's history. We are in the process of adding another floor to the corporate headquarters.

You can watch a short film covering the construction process [here](#)

## HB Products is replacing oil furnace with energy efficient sensor optimized heat pumps



Our production and office premises are now heated exclusively by

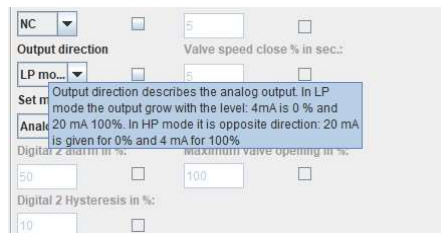
means of three heat pumps. So far, the first heat pump has been optimized with sensors from **HB Products**, and experience from this will be used to optimize the other two.

The heat pump is optimized by installing an **HBX Vapor Quality** Sensor that controls the evaporation and ensures reduced superheat.

Measurements show the heat pump delivers 17 % more heat when controlled by an **HBX Vapor Quality** Sensor compared to superheat control. At the same time COP is increased by 8.8 percent and superheat reduced from 7 to 2 K.

“We are switching to heat pump operation because it is a green technology. This is the future, and we would like to contribute,” says Michael Elstrøm, Director & Technical Manager.

## HB-tool mouseover texts have been added



In the latest version of the HB-tool mouseover texts have been added. If you don't have the latest version we suggest to download

it [here](#) Mouseover texts are shown when the mouse

pointer is in the field and explains what you can do in the field your mouse is pointing at.

## Now possible to pay all open invoices in webshop by credit card



By choosing the menu "**Order history**" in the webshop it is now possible to pay all open invoices by credit card. The functionality allows you to pay all open invoices on a given customer account number and not only invoices generated by a purchase in the webshop. If you have questions or need an access to our webshop please contact: [info@hbproducts.dk](mailto:info@hbproducts.dk).

## New Product Catalog 2020/2021 ready

The new edition of our HB Product Catalog 2020/2021 will be introduced in August 2020. The new catalog contains our product news and will be published on our website for download.



## HB Products is strengthening its efforts in the Spanish-speaking markets



**HB Products** are experiencing a remarkable growth potential on the Spanish & Portuguese speaking markets in Latin America and the Iberian Peninsula. Therefore Søren Ulrik Gabs is changing his job position to have focus on these markets, and he is now becoming a Sales Manager responsible for Iberia & Latin America. Søren has many years of both personal & professional business experience

from the Spanish-speaking areas.

The sales department will also be expanded with a new salesman from mid-August.

## Product news and updates

### New HBMD multidisplay – monitor pH values or level values locally

**HBMD** is a new multi display that can show a level or a pH value locally. In combination with the pH sensor the **HBMD** can be used for storing the calibration and convert the mA signal to a pH

value. The display can also serve as a local display in combination with all level sensors from HB Products. The installation is easy – it is simply installed between the sensor and the PLC using M12 connectors



## Analog output for PLC now included on all level transmitters with direct control of valves



All level transmitters with integrated cable for direct control of electronic expansion valves will now have analog 4-20 mA output to PLC or main controller unit. The new version is called **HBSLC** for HFC and CO2 transmitters

and **HBSLT** for Ammonia (WIRE, A2 and A3 versions).

The shorter version which can be used as float control for Ammonia is called **HBSLC-NH3**.

All versions are available as /C for 4-20 mA modulating valves, /S for all kind of stepper motor valves and /PWM for pulse width modulating valves.

The new versions also have a remote control functionality where a 4-20 mA analog input can change the level setpoint. This gives the advantage of changing level setpoint according to actual load. Physical size of the new sensor remains the same as the former version.

## PWM integrated in electronic sensor heads

For sensors with cable for direct control of valves using Pulse-width modulation (PWM), the relay from the **HBSSR Box** is now integrated directly in the electronic sensor head. You don't need to use the external **HBSSR Box** any longer.



## Sensors with cable for controlling valves can now handle both AC and DC

We can now supply all sensors with direct control of valves with both AC and DC



(Until now we have only delivered them with DC).

## HB-level switches upgraded to IP66 for outdoor use

HB-level switches are upgraded to IP66 for outdoor use with new electronic unit/housing and union thread / threaded connection. The product update will be ready for the market in the fall of 2020.



**We wish you all a great summer (or winter)!**

**With best regards  
The HB Products Team**

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