

Dear

In this newsletter you will find; "Product of the Month". A theme dedicated to giving insights about our different products. This month's product is; Defrost on Demand.

You will find our latest paper on "Reduction of energy consumption using Vapor Quality Control".

In addition, an introduction to the new HBCFS Flow sensor and HBX-MF Mass Flow Sensor.

DEFROST ON DEMAND

DISCOVER THE
SOLUTIONS AND
BENEFITS OF DEFROST
ON DEMAND – REDUCE
ENERGY, ICE BUILD-UP,
AND FREQUENCY OF
DEFROSTS CYCLES

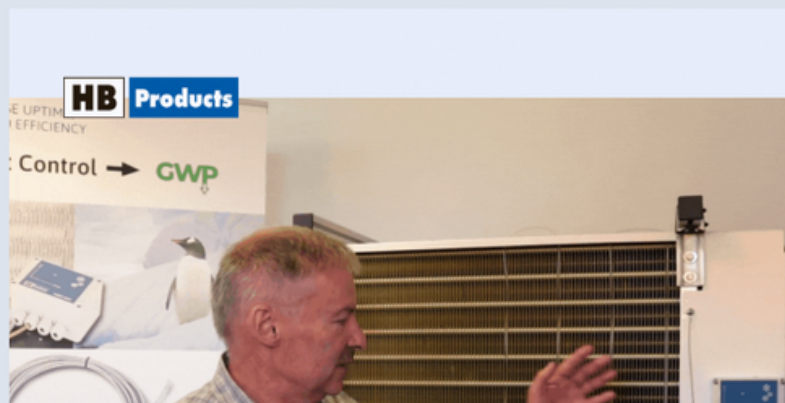


With our Defrost solutions, you can **experience a 50% reduction in your defrosting cycles, less ice build-up, increased capacity, and up to 40% in energy savings!**

In our new Defrost Brochure, you will find an overview of our product solutions for defrosting cold stores system.

Find information about the general function, what the contributing external factors are, as well as the needs and processes of defrosting a system; to achieve the benefits of increased capacity while saving energy.

The Defrost brochure is available for viewing or download [here](#)





Defrost On-Demand challenges the typical way of defrosting. Normally once there is ice build-up in the evaporator, it reduces the performance, resulting in less cooling capacity. This leads to high energy consumption due to frequent defrosting cycles or performance reduction.

HB Products got the solutions to solve common issues found in timer-based defrosting.

[Watch the video and learn how](#)

[Read more about Defrost \[here\]\(#\)](#)

[View our Defrost products](#)



LEARN HOW TO
REDUCE ENERGY
CONSUMPTION,
INCREASE
CAPACITY, AND
MORE WITH VAPOR
QUALITY CONTROL

WE HAVE SOLUTIONS TO REDUCE ENERGY CONSUMPTION – UP TO 40%

Our product manager Henrik Kudsk has written a paper about the benefits of Vapor Quality Control, highlighting the benefits of using Vapor Quality Control in overfeed systems.

In addition, it focuses on solutions to common problems, that many in the refrigeration industry face - refrigerant charge, high energy consumption, and reduced capacity.

[Read the paper \[here\]\(#\)](#)

[Introducing new Flow Sensors!](#)

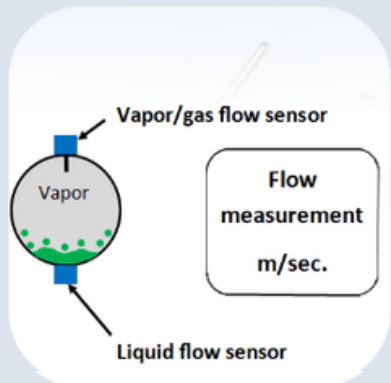
Principle: The constant temperature sensor design maintains a constant temperature differential between a heated sensor and a reference sensor; the amount of power required to maintain the differential is measured as the flow rate.



HBCFS Flow Sensor, for monitoring and controlling circulation in refrigerant, oil, and brine systems. We launch 3 types that can act as either a level switch or flow meter, all with a Bluetooth wireless setup tool.


Applications:

- Control of cooling lubricant systems
- Monitoring of coolant circuits
- Control of filter units
- Flow/Speed Control and dry run protection with pumps



HBX-MF Mass Flow Sensor, measures liquid flow. Can be used on very demanding applications in combination with a vapor quality sensor for measuring the circulation rate on evaporators and for calculating the evaporator performance/output in KW.

Delivery from the beginning of 2023.

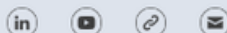


Do you represent an organization, that would like to share good experiences using our products? Then we would like to hear from you about a possible co-marketing opportunity!

We will do the preparation and creation of the content, and allow both parties to share it across our respective platforms.

Kindly contact marketing@hbproducts.dk for more information.

Want more frequent updates? Follow us on [LinkedIn](#) for weekly posts



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