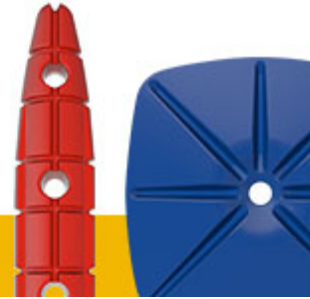


Visit the [Webversion](#) here

# heatStixx NEWS

INNOVATION IN HEAT STORAGE

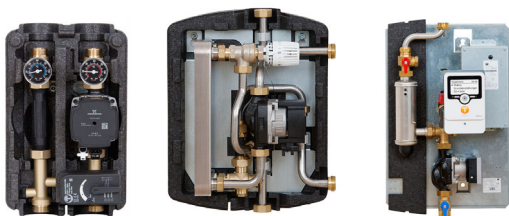


## kraftBoxx Power to Heat

- Use the entire PV-surplus through variable power modulation
- **Hybrid storage tank:** efficient as a water storage tank with additional latent storage capacity
- 10 times higher power, compared to conventional latent storage systems
- 2 – 3 times higher storage capacity compared to a water storage tank
- 10 times cheaper than a comparable battery storage system



### Product kraftBoxx



Pump station  
for mixed heating  
circuits,  
Large power  
range to 45kW

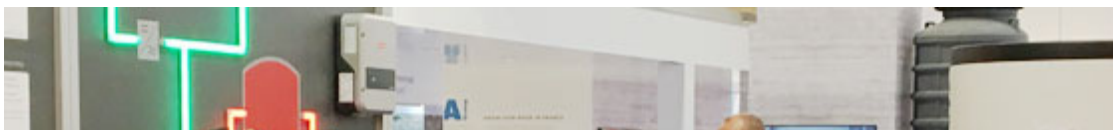
The Fresh water station  
up to 41 l/min for the  
family house

eTherm P  
The electro-  
thermal station

Download more information about the [kraftBoxx](#)



## Review: ISH Frankfurt 2019





## heatStixx on ISH at

### Heat and cold storage with heatStixx

Dear Ms.Sperlich

Stay up-to-date on heat storage and inspire your customers with innovative solutions.

At the ISH we presented products for the storage of heat and cold with our cooperation partners unitec and Tuxhorn.

Tuxhorn exhibited a system storage tank with heatStixx, which converts surplus PV energy into usable heat for hot water and heating. Thus, all resources can be used optimally and costs can be saved.

Unitec showed a cold storage filled with heatStixx, which impressively showed how the storage capacity can be increased up to 4 times.

Just in time for the trade fair, the haustec expert forum published this year's winners of the Product of the Year competition. We were particularly pleased with the 3rd place award for our heatStixx!

## heatStixx

1. Geberit: Das Leistungspaket Geberit GIS IV
2. Grundfos: Die Alpha3 der Alpha-Baureihe
3. Pro Kühlsole/Klara Energy: Die heatStixx

**3rd Place** in the installation category



Convince yourself and contact us!

[Inquiry to our team](#)

Your klara energy system team



## kraftBoxx

### The smarter E award finalist

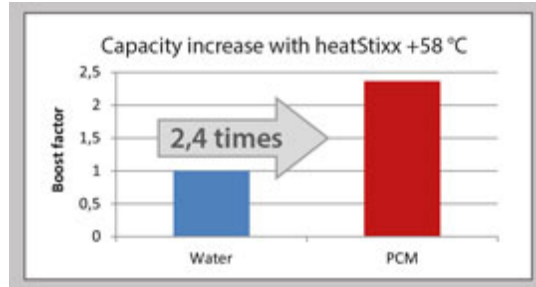
We are finalist at **The smarter E award** with our **kraftBoxx** - Visit us at our EM Power joint booth **Stand C4.272** with Axitotherm and klara energy systems and convince yourself of the innovation kraftBoxx with heatStixx.

## PCM ATS +58 °C

Physikalische Kennwerte:	
Schmelztemperatur:	56 °C bis 58 °C
Erstarrungstemperatur:	57 °C bis 54 °C
Erforderliche Unterkühlung:	5 K
Schmelzwärme (15 K):	240 kJ/kg - 307 kJ/Liter
Enthalpiekapazität:	69,4 kWh/m <sup>3</sup>
Spezifische Wärme:	3 kJ/kg K
Dichte:	1,28 g/cm <sup>3</sup>
Wärmeleitfähigkeit:	0,6 W/mK
Ausdehnung:	< 6 Vol%
Korrosivität:	Korrosion
Maximale Einsatztemperatur:	
Flammpunkt:	

Factsheet for downloading

Multiplier for the energy capacity compared to water with a temperature spread of 15 K and completely filled storage tank.



**Out now: heatStixx product brochure available to downloading**

Find further product information about our heatStixx and PCM materials, with application examples and important information for your project, in our **NEW brochure**.

download here



### PROJEKT EISSPEICHER

#### Aufgabenstellung

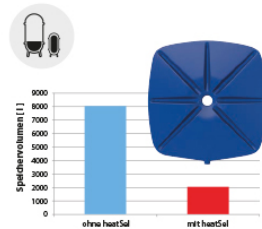
Das Volumen eines Wasser/Glykol-Kältespeichers soll soweit wie möglich verringert werden.

#### Daten:

- 8000 l Speichereinheit
- Temperaturbereich von -5 °C bis 5 °C

#### Lösung:

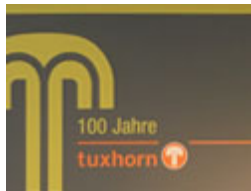
Leichte Umsetzung eines Eisspeichers ohne teure Wärmetauscher und Konstruktionsaufwand, dazu Minimierung des Speichervolumens auf 2.000 l, dies entspricht 25 % des ursprünglichen Volumens.



heatStixx the thermal pack for the cool bag – request one for free now



Trade Fair impressions



---

## Newsletter - References to the Data Protection

We treat your personal data very carefully  
Here you receive detailed information about the handling with your data.

[Data privacy statement according to nach EU-DSGVO \(Stand: Mai 2018\)](#)

---



[www.heatStixx.de](http://www.heatStixx.de)



*Impressum:  
klara energy systems gmbh  
Riedweg, 5  
88326 Aulendorf  
to unsubscribe the newsletter*