



can be filled with heatSel

### COLD BUFFER - STEEL

coolBoxx buffer storage tank for cold storage in the range from -50 °C to +50 °C. Flow optimised by calming zones in the upper and lower area, separated by perforated plates. Long-term and reliable energy efficiency due to glued at the factory cold insulation over the entire surface. Possibility to expand as latent storage through revision flanges top and bottom.

#### Connections - execution:

- Cold storage with 2 perforated plates • 2 rev. openings
- 4 x connections • Venting • Draining
- Cold insulation 25 mm glued at the factory • Operating pressure max. 3 bar
- Operating temperature -50 °C to +50 °C

### LATENT STORAGE - CAPACITY INCREASE

By using heatSel latent capsules in the range from -33 °C to +20 °C, a capacity increase of up to a factor of 4 can be achieved compared to conventional cold storage.

- Insertion through flanged opening DN 200 • Amount: per 1.000 l tank volume approx. 900 pieces.

#### Example:

By using a coolBoxx-hS 2200 with heatSel ATS -6 filling, the storage volume of a conventional water/glycol cold storage tank can be minimised from 9020 l to 2200 l. This not only saves space, but also lowers costs by reducing the amount of glycol.

- ▶ **With our know-how, we are pleased to offer you special solutions in the range of 200 to 150,000 litres storage volume. For special projects just contact us.**
- ▶ **BAFA funding for refrigeration and air conditioning systems**  
In combination with the BAFA funding for stationary refrigeration and air conditioning systems, our storage tanks can be funded through the additional funding for latent storage tanks.

### coolBoxx – special storage tank optionally with heatStixx or heatSel

Type	Volume L	Storage equivalent** L	Ø mm	Storage height mm	Tilt dimension mm	Price storage €/Stk.	Item No. storage	heatSel* Stk./tank	BAFA funding on latent storage
coolBx-hS 950	950	3.314	790	2.190	2.240	4.550,-	420951	750	the amount of funding depends on the size of the storage tank and the amount of latent material
coolBx-hS 1650	1.650	5.756	1.000	2.420	2.490	6.650,-	421651	1.350	
coolBx-hS 2200	2.200	7.674	1.100	2.650	2.730	7.700,-	422201	1.800	
coolBx-hS 3300	3.300	11.512	1.300	2.850	2.960	10.200,-	423301	2.700	
coolBx-hS 4400	4.400	15.349	1.500	2.830	3.000	11.300,-	424401	3.600	
coolBx-hS 5800	5.800	20.232	1.700	2.960	3.180	17.700,-	425801	4.800	

\* In the price is not included the PCM material. \*\* Storage equivalent at 10K in comparison to water/glycol mixture. ■ Top Seller

made in germany

Notes: Technical variations, errors and printing errors excepted. Illustrations may differ from products. Net prices plus statutory VAT and plus freight costs.

Please refer to the production drawings for connections and connection dimensions. Production of special sizes on request. All insulations correspond to fire class B2 and are removable.



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POWER TO HEAT SYSTEMS

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