

Keep Cool – We Care



Fresher at the destination

Our reefer containers provide environmentally friendly technology, reliable temperatures as low as $-35^{\circ}\text{C}/-31^{\circ}\text{F}$ and a variety of precise controlling alternatives for all special requirements. Hapag-Lloyd operates a container fleet of more than one million TEU in total, among them various special equipment types and one of the biggest, most modern refrigerated container fleets in the field. Careful servicing and inspections

before every assignment are just as natural as continual research projects looking into further improving future generations of refrigerated containers. This protects both the environment and your cargo. Many years' experience, modern equipment and a highly integrated global network of around 80 liner services with competitive transit times make Hapag-Lloyd your premium partner for temperature-sensitive goods.





Especially cold

Hapag-Lloyd refrigerated containers can maintain a constant temperature between $-35^{\circ}\text{C} / -31^{\circ}\text{F}$ and $30^{\circ}\text{C} / 86^{\circ}\text{F}$, even with outside temperatures up to $50^{\circ}\text{C} / 122^{\circ}\text{F}$, always keeping your cargo fresh and delivering best quality to the destination.

Especially precise

Precise temperature control has the highest technical priority for us. With transportation temperatures above $-10^{\circ}\text{C} / 14^{\circ}\text{F}$ the maximum variation is 0.5 degrees. For freezer mode, below $-10^{\circ}\text{C} / 14^{\circ}\text{F}$ the maximum is one degree.



Especially fresh

For controlled atmosphere we provide technologies such as AFAM+, eAutofresh, Transfresh, or PurFresh. The interior atmosphere is controlled so that ripening of fruit and flowers can be delayed. Spoiling and mould are suppressed. Hapag-Lloyd uses a range of technologies. We have the best solution ready for each and every cargo.



Especially well ventilated

For certain goods, such as fresh fruit or ferns, a precisely controlled ventilation system contributes decisively to quality assurance. In Hapag-Lloyd refrigerated containers up to 280 m³ of fresh air per hour can be automatically supplied. The ventilation flaps can be opened with up to a 72-hour time delay, an important advantage when the cargo is not sufficiently cooled in advance.



Especially dry

Apart from temperature our reefers can also reduce the relative humidity when set values lie between 50% and 95%. For bulbs Hapag-Lloyd reefers have a special 'bulb mode' which automatically provides an optimal atmosphere for transportation.

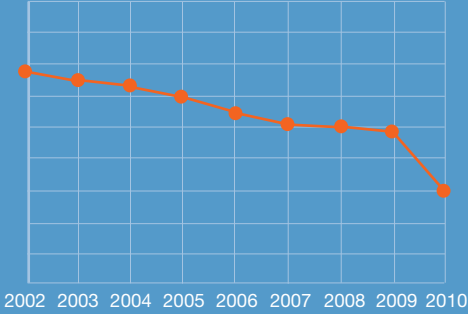


Especially gentle

Our refrigerated containers can be programmed in advance for automatic temperature change up to eight times during one voyage. This means sensitive cargo can be gently cooled in stages or the ripening process for fruit can be started before arriving at the destination.



Average Energy Consumption Hapag-Lloyd Reefer



Especially environmentally friendly

To protect our environment Hapag-Lloyd continually carries out research into better solutions with great success. We have reduced average energy consumption by more than 50% in the last eight years without making compromises on temperature control, but at the same time improving performance. This reduces your product's carbon footprint.

Especially safe and secure

All data relevant to quality, such as temperature, humidity, CO₂ content and fresh air supplied, are recorded and can be made available if required. With current technologies, Hapag-Lloyd has also successfully carried out tracking and tracing trials. The location and temperature of the refrigerated container are made available to the customers along the transport chain.



MAX. GROSS	34.000	kg
	74.960	lbs
TARE	4.390	kg
	9.680	lbs
MAX. PAYLOAD	29.610	kg
	65.280	lbs
CUBE	67.36	m ³
	2.380	cuft

Especially large payload

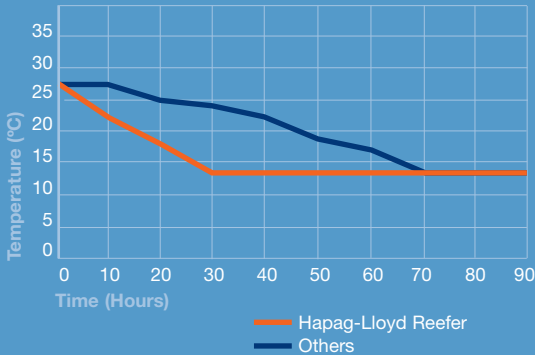
Use of the most modern materials and refrigeration units ensure lower weight for our refrigerated containers and higher payload capacity. With Hapag-Lloyd reefers, customers profit from the highest capacities available, on average 100 to 200 kilograms more, compared to others in the field.

Epecially reliable

High value, sensitive reefer cargo, from the pharmaceutical, chemical or healthcare industries requires particularly careful handling by an especially reliable partner. Here we offer not only our modern equipment and our extensive experience, but also special internal processes that give extra protection to your high value cargo.



Pull-Down Time



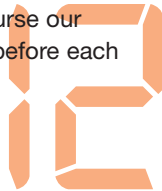
Epecially fast cooling

Thanks to especially powerful refrigeration units, cargoes that have not been properly pre-cooled can be stowed, or those transported to the terminal without active cooling, can be transported with considerably faster pull-down times in Hapag-Lloyd reefers. This saves not only time and money in our customers' existing logistics procedures, but also facilitates higher quality.



Epecially hygienic

Hapag-Lloyd is the only container line to strictly segregate non-food grade boxes from reefers exclusively used for food transportation. A special interior design provides more hygienic conditions as well as optimal air circulation. Of course our boxes are checked and tested before each and every assignment.





Company Headquarters

Hapag-Lloyd AG · Ballindamm 25 · 20095 Hamburg · Germany

Regional Head Offices

Europe: **Hapag-Lloyd AG**
Ballindamm 25 · 20095 Hamburg · Germany

America: **Hapag-Lloyd (America) Inc.**
399 Hoes Lane · Piscataway, NJ 08854 · USA

Asia: **Hapag-Lloyd (Asia) Pte. Ltd.**
200 Cantonment Road #08-03 · Southpoint · Singapore 089763

