

## Active Cool-Container: Cooling & Heating System

### Unicooler – RAP / LD9

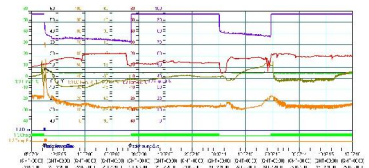
The Unicooler - RAP, allows heating and cooling of the cargo compartment by using a dry ice technology with a permanent air circulation as well as an electrical heating technology with large rechargeable accumulators (8 main accumulators).

The system is driven by an external temperature sensor and additional internal temperature sensors for the freight compartment in order to maintain the required temperature range.



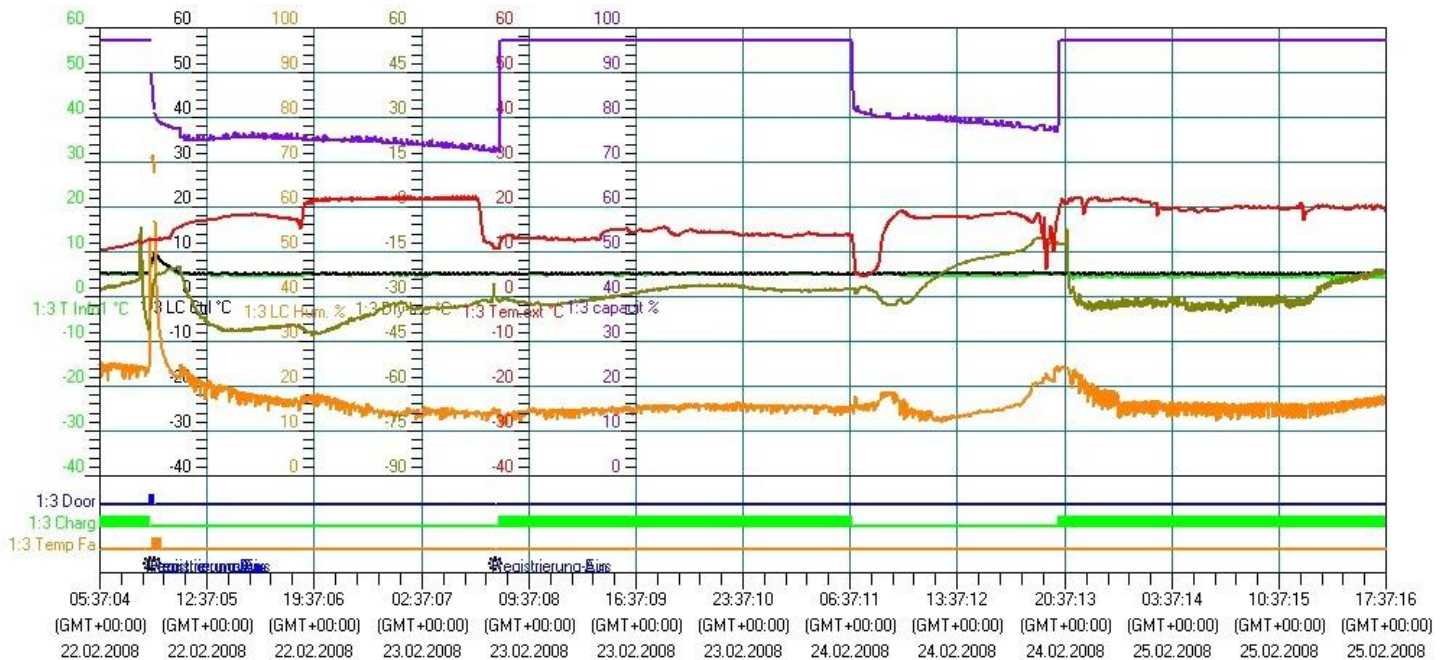
#### Technical Specification:

Internal Temperature Range settings	-20°C to +30°C / -4°F to +86°F
External dimensions (L x W x H)	3175 x 2235 x 1615mm / 1225 x 88 x 63in
Internal dimensions (L x W x H)	2900 x 2063 x 1445mm / 114 x 81 x 56in
Internal dimensions (from chamfer)	2544 x 2063 x 1445mm / 100 x 81 x 56in
Max. internal loading dimensions for freight (L x W x H)	2860 x 2023 x 1370mm / 112 x 79 x 53in
Max. internal loading dimensions for freight (from chamfer)	2500 x 2023 x 1370mm / 98 x 79 x 53in
Effective loading volume (m <sup>3</sup> /cu.ft)	7,1 m <sup>3</sup> / 250 cu.ft
Max. ICE bunker capacity (when using block ice)	320 kg / 705 lbs
Tare weight	796kg / 1753 lbs
Max gross weight (incl dry ice)	6033 / 13300 lbs
Max net weight	5237kg / 11547 lbs
Power supply	Operated by 12 / 24V airworthy accumulators Ground system: 110/220V connector
Accumulator loading time (from 0 to 100%)	Approx 8hrs
Autonomous running time (on accumulators in a typical scenario)	Approx: 120hrs
<b>Data recording</b>	Continuous recording of operation data



## Active Cool-Container: Data Recording

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#### Continuous recording of operation data such as:

- Start and stop of operations
- Internal temperature
- Ambient Temperature
- Temperature out of range during operation
- Internal humidity
- Opening of doors during transportation
- Power supply and battery charging times
- Temperature recordings of dry ice bunker



#### Contact information:

For further information on the Unicooler please contact:

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