

# Unicooler

## RAP

- Safe operation
- Simple to operate
- Data recording
- Set temperature range:  
-20°C to +30°C



The UNICOOLER is a high-end container cooled by dry ice and heatable that has been specially developed to transport temperature-sensitive pharmaceutical products safely. The temperature of the cargo compartment is permanently monitored. The start and end of transport are also monitored, as is the charge status of the batteries.

All necessary components are installed redundantly to ensure safe operation. All alarm signals such as opened doors are displayed. Continuous data recording provides the customer with a complete transport history. All data (secure from manipulation) can be displayed and can be printed as a diagram for quality assurance purposes.

### ■ Safe operation



All necessary components such as temperature sensor are installed redundantly to ensure safe operation.

### ■ Optimised cargo compartment



The cargo compartment has a loading height of 1,370 mm (53.9 in), providing space for 5 Euro pallets or 4 US pallets.

### ■ High Level ULDs

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# Unicooler

## RAP

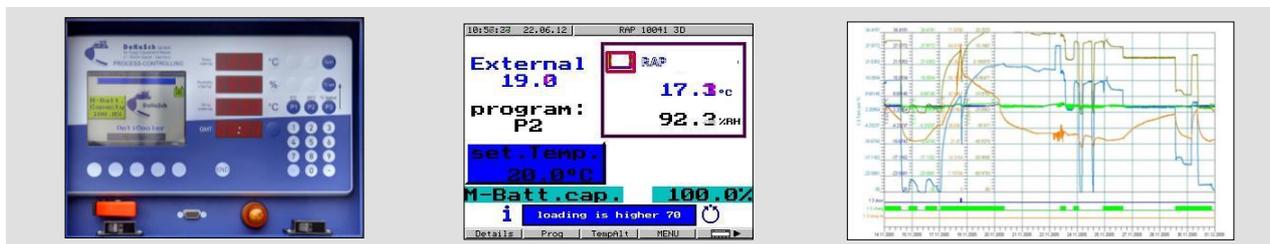


### Simple to operate

P1: Set Point 5°C	+2°C to +8°C	+35.6°F to +46.4°F
P2: Set Point 20°C	+15°C to +25°C	+59°F to +77°F
P3: freely selectable	-20°C to +30°C	-4°F to +86°F

The UNICOOLER gives the customer the choice of selecting between 3 presets, P1, P2 and P3.

### Permanent data recording



All data including alarm signals are recorded from the start to the end of operation can be displayed and is secure from manipulation.

Technical Data*	RAP (LD9)	
Set temperature range	-20°C to +30°C	-4°F to +86°F
Ambient temperature range	-30°C to +50°C	-22°F to +122°F
External dimensions (L x W x H)	3,175 x 2,235 x 1,615 mm	125 x 88 x 63.6 in
Internal dimensions (L x W x H)	2,900 x 2,063 x 1,445 mm	114.1 x 81.2 x 56.8 in
Max. internal loading dimensions (L x W x H)	2,750 x 2,023 x 1,370 mm	108.2 x 79.6 x 53.9 in
Loading volume, effective	7.62 m <sup>3</sup>	269 cu. ft
Ice bunker capacity, max.	320 kg	705 lb
Tara weight	796 kg	1,755 lb
Gross weight (incl. dry ice)	6,033 kg	13,300 lb
Net weight, max.	5,237 kg	11,546 lb
Power supply	operated by 24 V airworthy accumulators ground systems 110 / 220 V connectors	
Accumulator load time (0-100%)	approx. 8 h	
Autonomous running time	approx. 120 h	

\*subject to technical changes

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