

Active Temperature Controlled RAP Container



RAP

Scope of Application:

This product is applicable for international aviation cold chain transportation of drugs, vaccines, medicines, biological products, raw materials, premium fresh food and other products which require strict temperature control.

Innovative Design

- Safe, reliable and secure
- Superior temperature uniformity
- Robust construction
- Automatic switching between AC power supply and built-in battery power supply

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Qingdao HB TempCon Aviation Co., Ltd. (HB TempCon) is a subsidiary of Qingdao Haier Biomedical and specialized in providing aviation temperature control services. HB TempCon is committed to becoming the aviation temperature control expert and will persist in providing professional solutions for transporting temperature sensitive goods including pharmaceuticals, vaccines, biological products and bulk drugs for the global customers with top quality, high reliability and efficiency.

Active Temperature Controlled RAP Container

Product Advantages



Robust construction, reliable quality and stable performance



Accurately detect extreme temperature fluctuations and intelligently maintain a stable temperature



Superior internal temperature uniformity



Real-time data logging to enhance supply chain visibility

Specifications

Power	
Supports automatic switching between external AC power and built-in battery power for convenient and simple operation	
Recharging power supply	100-240V AC, 50/60Hz
Maximum charging time (h)	12 (fast charging)
Maximum power during charging (w)	1,600

Temperature Control Performance		
Self-developed temperature management system achieves precise temperature control through compressor refrigeration and electric heating Innovative airflow circulation system effectively balances temperature differences.		
Temperature range	Internal temperature tolerance	
3°C~30°C (37.4°F to 86°F)	At set temperature 5°C (41°F), Tolerance +/-2°C (+/-3.6°F)	
	At set temperature 20°C (68°F), Tolerance +/-3°C (+/-5.4°F)	
Battery capacity	Operating ambient temperature	Storage ambient temperature
180hrs	-32°C~49°C (-25.6°F to 120.2°F)	-40°C~55°C (-40°F to 131°F)

Construction			
Internal effective volume	Exterior dimensions (L*W*H)	Interior dimensions (L*W*H)	Door opening (L*H)
6.6m³ (233 ft³)	3175mm×2235mm×1626mm (125in×88in×64.02in)	2465mm×2055mm×1315mm (97.05in×80.91in×51.77in)	2055mm×1315mm (80.91in×51.77in)

Weight		
Tare weight	Operational maximum gross weight	Maximum payload
1140kg (2513lbs)	4625kg (10196lbs)	3485kg (7683lbs)

Data Recording	Enable USB-based export of logged data including internal and external temperatures, door opening times, triggered alarms and etc.
Others	Compatible Aircraft Models: A330,A350,A380,B747,B767,B777,B787,etc.
Note	Tare weight and maximum payload might vary due to load variations and maintenance.

*Typical prototype test data

Haier Biomedical reserves the right to change products and specifications without prior notice.