


# Active Temperature Controlled RAP Container


## Scope of Application


Safeguarding the international air transportation of high-value temperature-sensitive goods such as biomedical, fine chemical, precision electronics, and etc. that require strict and precise temperature control.




## Advantages&Feature

 Robust construction , reliable quality and stable performance

 Superior internal temperature uniformity

 Accurately detect extreme temperature fluctuations and intelligently maintain a stable temperature

 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
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℃~30℃ (37.4°F to 86°F)	At set temperature 5℃ (41°F), Tolerance +/-2℃ (+/-3.6°F)	
	At set temperature 20℃ (68°F), Tolerance +/-3℃ (+/-5.4°F)	
Battery capacity	Operating ambient temperature	Storage ambient temperature
180 hrs	-32℃~49℃ (-25.6°F to 120.2°F)	-40℃~55℃ (-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 (233ft³)	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 (2513lb)	4625kg (10196lb)	3485kg (7683lb)

Data Recording	Enable USB-based export of logged data including internal and external temperatures, door opening events, 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.