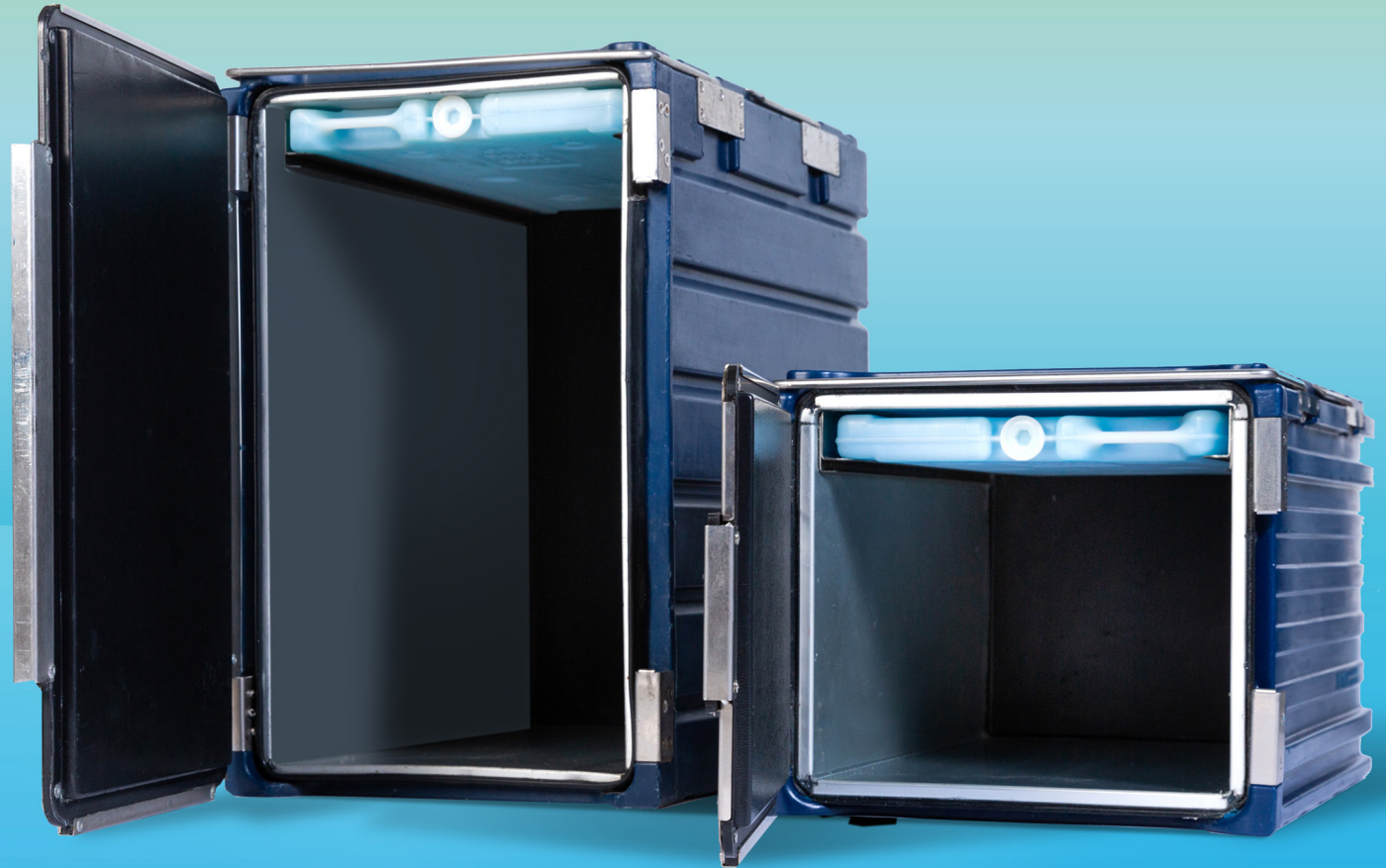




TOWER
Cold Chain

Product Brochure

Tower Airline Insulated Boxes (AIB)



Robust. Reliable. Reusable.

Some of the challenges airlines face

- For an airline to be more competitive the quality of service is vital to achieving a competitive advantage and cost cutting initiatives has become a necessity to ensure growth.
- Customer demand to provide a greater choice means more stock loaded onboard, which increase cost and waste.
- Fresh options create challenges around food safety and integrity which can add complexity to the supply chain with more bases required over the global network.
- Storage onboard is limited and additional weight contributes to greater emissions.
- The airline catering market is highly competitive with the need to maintain both a high and consistent standard of food.
- The inflight meal experience plays a major role in airline branding.
- Matching customer expectations is difficult but essential in ensuring the success of the company.
- Airlines struggle to gain a balance between catering costs and brand image.

Benefits of the Tower Airline Insulated Boxes (AIBs)

- The Tower boxes enable airlines and train operators to carry food without compromising safety standards or creating dedicated supply chain networks at each station.
- Provides return catering opportunities and possibilities for the closure of down route stations thus reducing costs.
- Allows catering to be uplifted from base for short-haul routes where the uplift does not meet the airline food safety requirements.
- Provides product consistency.
- Our technology enables food to be stored for up to 24 hours within legal safety temperature requirements.
- Our AIBs are made of a unique lightweight durable polymer material and are 100% reusable.
- Eliminates the need for dry ice
- Our AIBs fit into Atlas airline catering boxes and carts.
- Drives food safety, integrity and innovation.
- Reduces the cost of product loss.

Product Facts

- They are extremely robust giving a longer routable life than other chilled solutions on the market.
- Our boxes maintain food temperature between 2°C - 8°C for 24 hours
- Our boxes are a passive temperature-controlled packaging solution that has no mechanical parts that could fail or require complex maintenance.
- Using Phase Change Material (PCM), not water-based gel packs, they deliver constant and consistent results.
- Our boxes are food graded or FDA “known safe”.
- Our boxes provide a flexible supply chain solution with class leading compliance and no requirement for human intervention during transit.



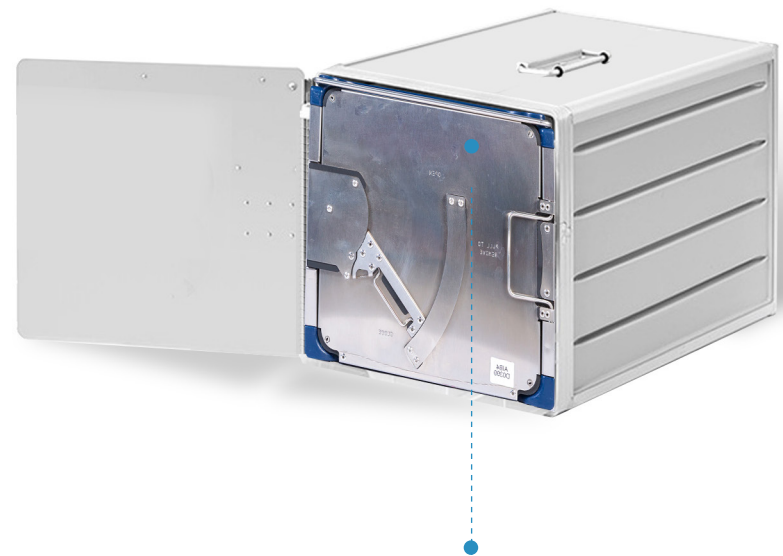
Introducing the Tower Airline Insulated Box (AIB) Range

Our Mission is to provide high performing temperature-controlled containers globally, reducing wastage and maximising profit. The Airline Insulated Box (AIB) range of temperature-controlled containers provide a flexible supply-chain solution with class-leading compliance. The AIB range is designed to fit inside existing Airline Carts and Boxes.



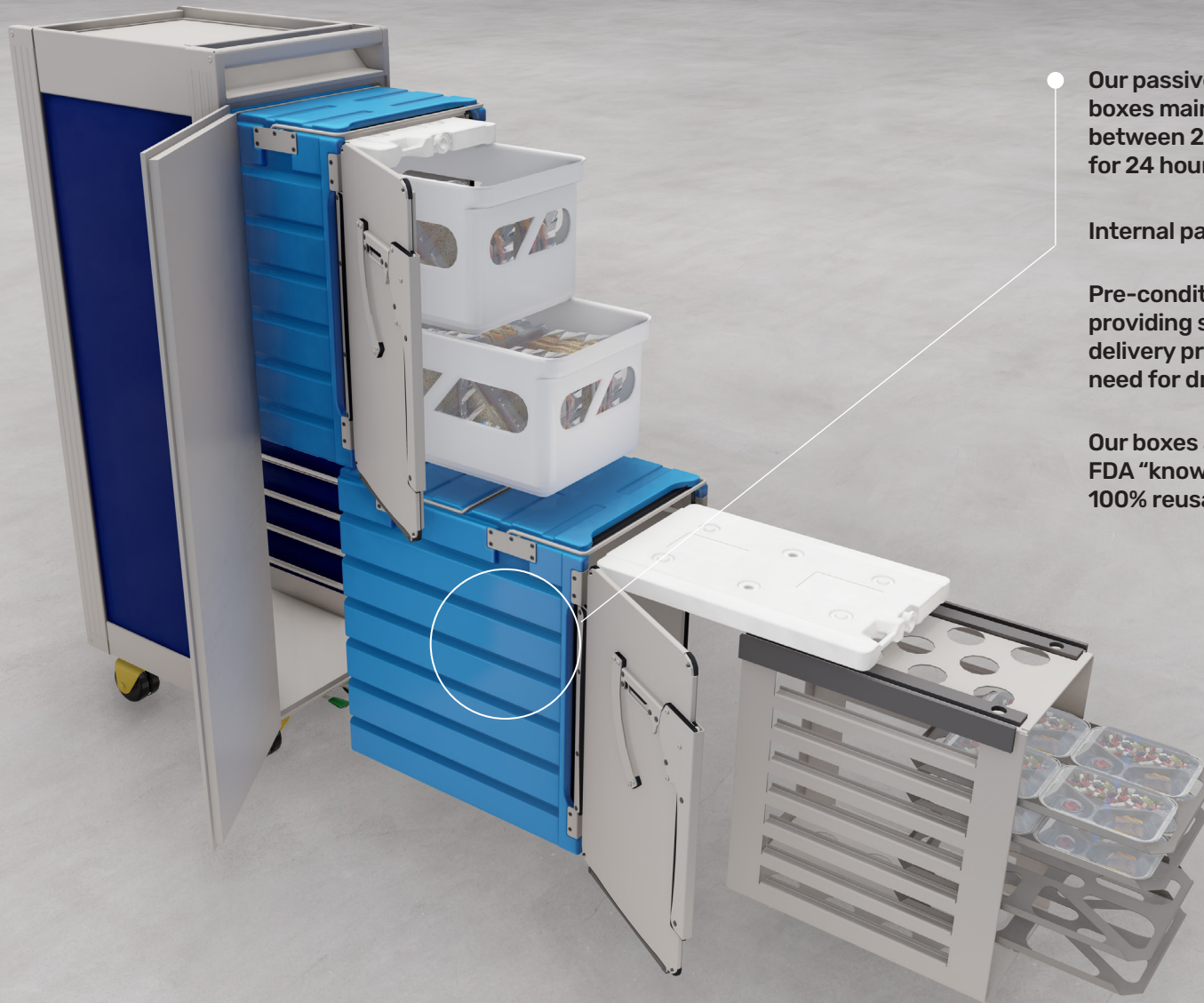
AIB4 fits 3 per Atlas Half Cart

AIB7 fits 2 per Atlas Half Cart



AIB4 fits 1 per Atlas Standard Box

AIB Key Features



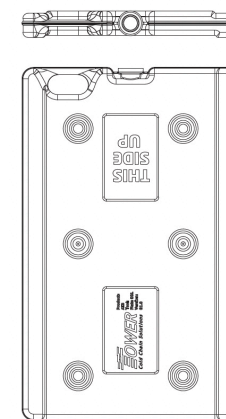
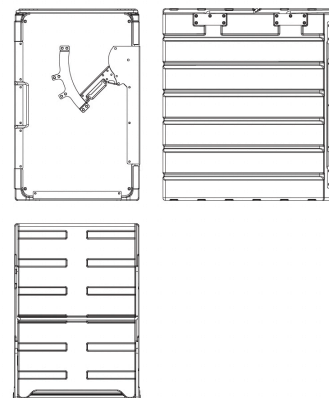
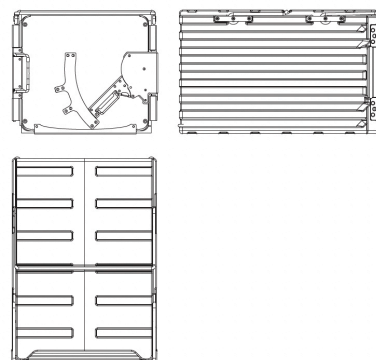
Our passive temperature controlled boxes maintain food temperature between 2°C - 8°C (refrigerated) for 24 hours

Internal payload up to 26 Litres

Pre-conditioned containers providing simple load, lock and delivery process eliminating the need for dry-ice

Our boxes are food graded or FDA "known safe" and are 100% reusable.

Specialist Product Reference Chart



	AIB4	AIB7	Phase Change Plate
Container	Airline Insulated Box (4 runner)	Airline Insulated Box (7 runner)	Fits AIB4 and AIB 7
Description	ACE, ATLAS Standard	ACE, ATLAS Standard	PCM Plate
Aircraft Equipment Compatibility	ACE, ATLAS Standard	ACE, ATLAS Standard	ACE, ATLAS Standard
Temperature Control	<+ 8 for 24 hours	<+ 8 for 24 hours	<+ 8 for 24 hours
External Dims (mm)	380 x 270 x 234.5	380 x 270 x 414.5	207 x 23 x 337
Payload Dims (mm)	346 x 220 x 169.5	346 x 220 x 349.5	N/A
Payload Volume	12.9 L	26.6 L	1.5 L
Tare Weight	5.8 Kg	8.5 Kg	1.3 Kg

Global availability and support

Our global network uses common processes and standards to deliver consistency for our customers. You will have access to the complete Tower range with a local team of experts to understand specific customer needs. This means we can deliver where and when required.

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[Click here to see our global hubs >](#)

