

# SST/ALU

## Evaporators



### Key benefits

- Guaranteed thermal performance
- Low maintenance
- Long service life

### Configuration

- Axial fans
- Stainless steel tube
- Heavy guage aluminium fins
- For low, medium and high temperature

### Refrigerant type

- ammonia
- chilled water or glycol solutions

### Application

- blast freezers
- cold storage
- meat and fish processing



## Guaranteed thermal performance

- **Tubes** are staggered in the direction of airflow to ensure maximum air turbulence and coil heat transfer efficiency.
- **Fins** have a clean full collar to optimize performance, resistance to airflow and improve cleanability. They provide performance comparable to corrugated fins at a given horsepower.
- **Fans** are selected and positioned to maximize fan performance and efficiency.

## Low maintenance

- The **coil** improves cleanability by reducing cavities.
- **Casing panels** are removable to permit access to both faces of the tube bundle for maintenance and cleaning.
- **Pans** are furnished with an extra large drain connection that, when coupled with the flatness and smoothness of the sloped pan, permits swift and total drainage.

## Long service life

- The **coil** incorporates a heavy-duty rectangular structural frame, improving rigidity, squareness and long-term stability.
- **Coils and headers** are designed and manufactured according to the stringent requirements of ASME B31.5
- **Casings and drain pans** are constructed of durable, corrosion resistant and self healing [Baltiplus 800™](#) or constructed of heavy-gauge, corrosion resistant Type 304 [stainless steel](#).
- **Load carrying components** are engineered with reinforcing panel breaks and hardware particularly suited for the application.

## Year-round reliable operation

- **Fans** are direct-drive and are individually compartmented.
- **Motors** are SATMOS treated and designed to ensure reliability and longevity in harsh environments.
- **Coils** have precise welds made by high quality orbital welding.
- BAC's evaporators are backed-up by a **3 year warranty**.

## Safe and hygienic operation

- Heavy-duty **support hangers** are engineered with rigging points to permit safe and easy hanging.
- The drain pan has a flat and smooth surface and is sloped for **easy drainage**.

## Ideal replacement unit

BAC's evaporators have a **small footprint, low weight and low refrigerant volume**.



You want to benefit from BAC's evaporators? Contact your [local BAC representative](#) for more information.

## Downloads

- [Evaporators ALU compilation pdf \(EN\)](#)
- [S - Evap](#)