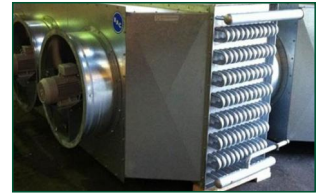
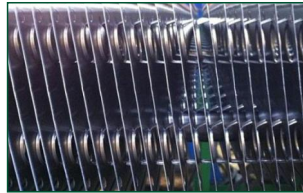




# HDG evaporator

## Evaporators



### Key benefits

- Guaranteed thermal performance
- Low maintenance
- Long service life

#### Configuration

- Propeller fans
- Steel tubes and fins
- Medium to large size

#### Refrigerant type

- ammonia pump (recirculation and flooded)
- glycol

#### Application

- Blast freezers
- Cold storage
- Meat and Fish processing



## Guaranteed thermal performance

- **Tubes** spacing is designed to ensure maximum air turbulence and coil heat transfer efficiency for a rectangular pattern.
- **Fins** are pressed formed to minimise resistance to airflow and improve cleanability. They provide performance comparable to corrugated fins at a give horsepower.
- **Fans** are selected and positioned to maximize fan performance and efficiency.

## Low maintenance

- The **coil** improves cleanability by reducing cavities.
- **Fan plenum** smooth bottom slopes into the drain pan allowing any condensation to drain into the drain pan.
- **Drain 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

- A conventional choice for decades, **carbon steel coils** are hot-dip galvanized for **corrosion protection**.
- **Coils and headers** are designed and manufactured according to the stringent requirements of ASME B31.5
- The **coil** incorporates a heavy-duty structural frame, improving rigidity, squareness and long-term stability.
- **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, furnished with low temperature grease as standard and designed to ensure reliability and longevity in harsh environments.

## Safe and hygienic operation

- Easy access to rigging points permit **safe and easy hanging**.
- The drain pan has a flat and smooth surface and is sloped for **easy drainage**.

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



## Downloads

- [Evaporators - HDG](#)
- [BAC Evaporators](#)