HFL

Closed circuit cooling towers







Key benefits

- Unrivalled water savings
- Compact
- Superb hygiene control

HFL characteristics

Counter flow, centrifugal fan, forced draft
Hybrid wet-dry cooling

Capacity range

up to 1870 kW

Maximum entering fluid temperature

82°C

Typical applications

- Medium to large HVAC and industrial applications
- Low height requirements
- Water saving requirements
- Plume reduction requirements
- Tight enclosures and installations requiring a single air inlet
- Indoor installations
- Sound critical installations

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Unrivalled water-saving

- Patented intelligent **flow control system!**
  With a 3-way valve for precise setting of outlet fluid temperature and unrivalled annual water-saving.
- Load profile-adaptable to **dry**, **adiabatic** or combined **wet-dry** operation.

Compact

- **Side by side** installation for double cell towers. Water basin access is at tower connection end.
- **Very low height**. Fits perfectly on **roof tops** or tight enclosures.
- **Low operating weight.** Water basin contains only 1/4 of the water of conventional evaporative fluid coolers.

Superb hygiene control

- **Dry-running** for 10 months per year possible depending on application and weather conditions.
- Self-cleaning auto-drain **sump** to prevent stagnant water.
- **Basin for water outside air stream** and accessible during operation

For reduced noise

- **Low noise centrifugal fans** for a quieter environment.
- Single-side air inlet, and a **quieter tower rear** for more noise-sensitive areas.

Easy to install

- Single-side air inlet lets you install **next to solid walls**.
- Units housable **indoors** thanks to centrifugal fans allowing intake or discharge ductwork.

Guaranteed year-round reliable operation

- During dry winter operation, **no extra sump drainage needed**. With HFL water basin outside airstream, and heaters to prevent basin water freezing, even with fans at top speed.
- **Non-plume** wet operation **thanks to optional** dry finned coil: it reduces humidity of discharge air from the prime surface coil.
- Various **corrosion-resistant** materials, including the unique **Baltibond® hybrid coating** for guaranteed long service life.

Interested in the HFL hybrid closed circuit cooling tower for cooling your process fluid? Contact your local BAC representative for more information.

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Downloads

- HFL closed circuit cooling tower
- Operating and Maintenance HFL
- Rigging and Installation HFL
- HFL Hybrid closed circuit cooling tower - brochure

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