



**Highest
capacity
per footprint
on the
market**



CXVE

Evaporative condenser



ENERGY EFFICIENT

UNIQUE COMBINED HEAT TRANSFER SYSTEM

CXVE evaporative condensers use a **unique combined heat transfer system (coil on fill)** providing maximum capacity at the lowest refrigerant charge available in the industry.

Axial fans use 50% less the energy than similar centrifugal fan units.

High efficiency **fan motors** assist in reaching superb thermal performance results.



LOWEST MAINTENANCE AND EASY INSPECTION

MAINTENANCE CAN BE DONE IN FULL COMFORT

The **spacious plenum**, accessible via a large hinged door, provides easy access for maintenance.

Inspection of the **heat transfer system** and **water distribution system** during operation is possible with ease.

Self-cleaning cold water basin and fill above **sloped basin** to flush out dirt and debris.



SUPERB HYGIENE WITH MINIMAL MAINTENANCE

REDUCED HYGIENE RISKS

The **patented BACross® II fill sheets** reduce fouling and are telescopically supported, allowing complete inspection of the fill core without dismantling.

High efficient **drift eliminators** certified by Eurovent prevent droplets escaping into the air.

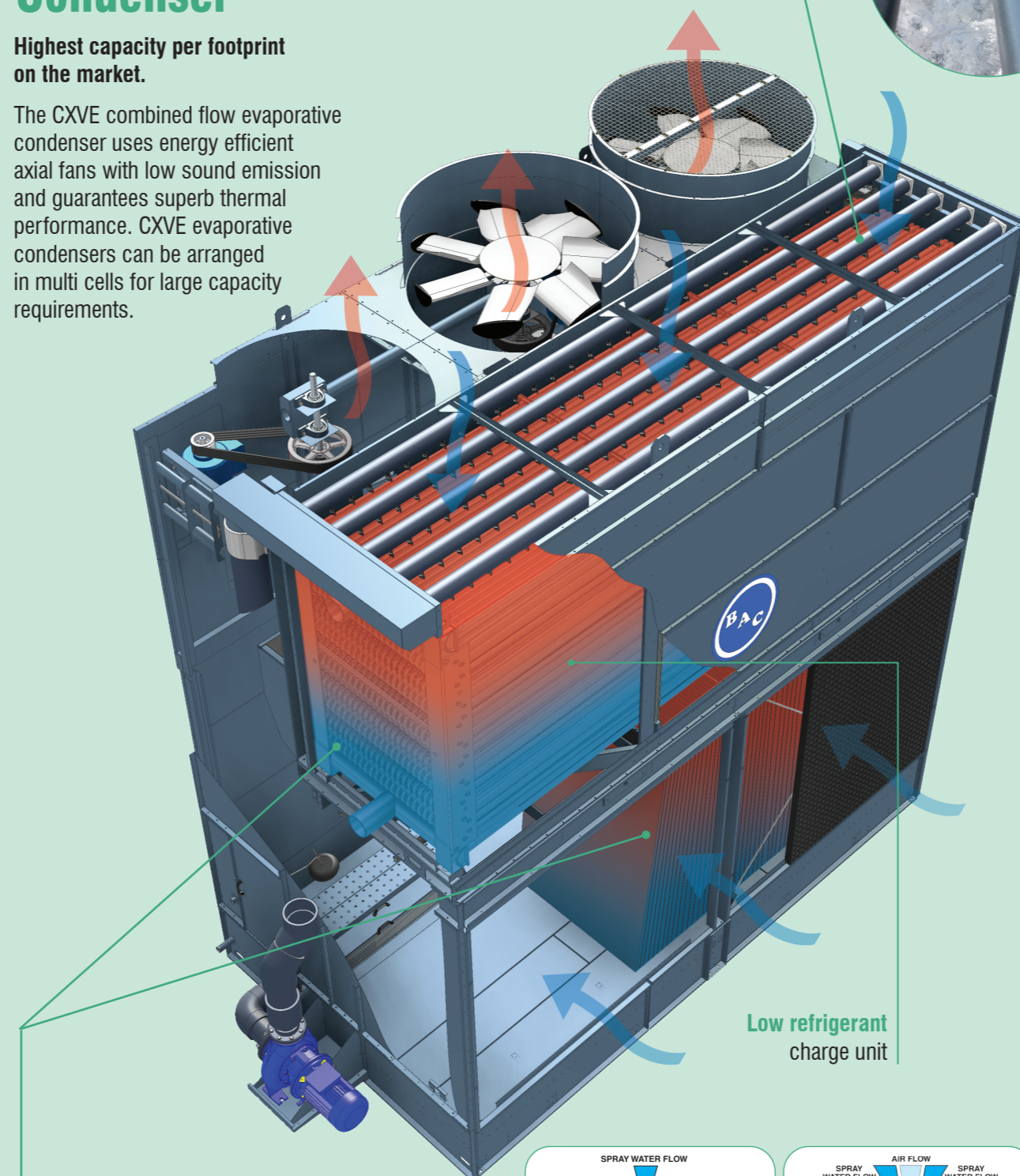
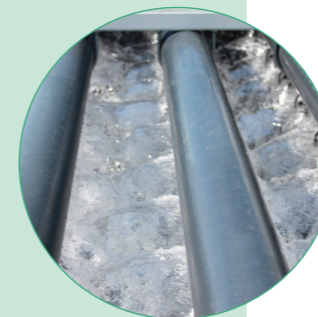
Combined inlet shields block sunlight to prevent biological growth in the condenser, filter the air and stop water splashing outside.

CXVE Evaporative Condenser

Highest capacity per footprint on the market.

The CXVE combined flow evaporative condenser uses energy efficient axial fans with low sound emission and guarantees superb thermal performance. CXVE evaporative condensers can be arranged in multi cells for large capacity requirements.

Parallel air/water flow
Inspection of water distribution system possible during operation



ULTRA SILENT

SUITED FOR LOW SOUND REQUIREMENTS

Low noise **axial fans** for minimal surrounding noise are standard.

Unique heat transfer system with **minimum water splash noise**.

Single-side air inlet and a **quieter condenser rear** are suited for noise-sensitive areas.

Sound attenuation is available for the most stringed sound requirements.



UNMATCHED RELIABILITY

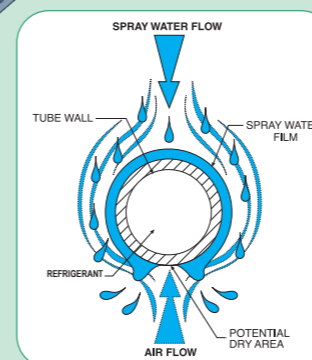
MAXIMUM UPTIME AND LONGEVITY

The broad **choice of construction materials** ranges from galvanized steel (Baltiplus) to the unique Baltibond® Hybrid Coating and stainless steel (AISI 304L and 316L) for **guaranteed long service life**.

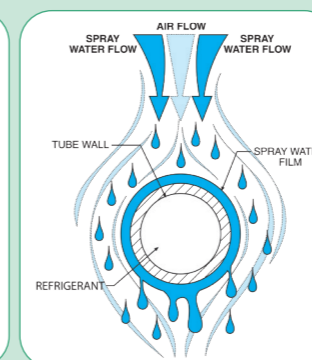
Multiple fan motor system covers independent fan motor and drive assembly per fan for stand-by in case of fan failure.

Unique and patented heat transfer system, featuring a combined flow via heat exchange coil and fill pack, for fine temperature applications and thermal challenges.

CXVE combined flow technology
Patented coil on fill technology reduces scale tendency, resulting in a 9% process energy saving.



Conventional coil technology



CXVE advanced coil technology

More info? Contact your local BAC representative.



CXVE Evaporative Condenser

The best choice



Comparison of CXVE with other typical axial induced draft evaporative condensers

	CXVE 190-0809-15W	Other (e.g. PCE-193-MW)
Footprint	2,5 x 3,2 m	2,4 x 4,3 m
Refrigerant charge	85 kg	132 kg
Sound pressure level at 15 m (@ full fan speed)	56 dB(A)	56 dB(A)*
Sound pressure level at 15 m (@ 30% fan speed)	46 dB(A)	54 dB(A)*
Installed fan motor kW	2 x 5,5 kW	1 x 15 kW
Installed pump motor kW	4 kW	4 kW
Spray water flow	34,7 l/s 13,6 l/s/m ²	32 l/s 4 l/s/m ²
Inspection of all critical components during operation	Yes	No

Note: Selections made for 790 kW at R717 32/21°C
* with water silencers

BLUE by nature
GREEN at heart



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**The reliable way to
smart sustainable solutions**