



Permanently Good Cooling



PRODUCT OVERVIEW

Closed Cooling Towers

Open Cooling Towers

Hybrid Coolers

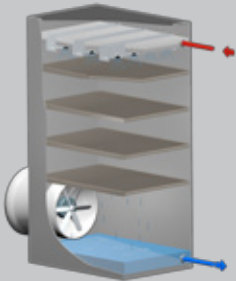
Adiabatic Coolers





X-STREAM

Designed for extreme conditions of air and water

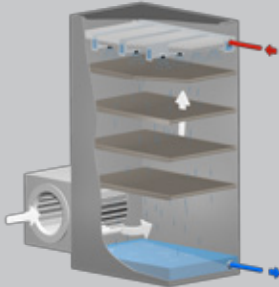


RH / RBH with Axial Fan

from 350 to 660 m³/cell
► high capacity & efficiency

RC with Centrifugal Fan

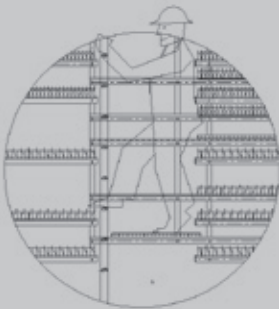
from 10 to 435 m³/cell
► low noise



- very high resistance to clogging
- very high mechanical resistance: 30 Kg/m²
- highly simplified access for cleaning and maintenance
- for water up to 400 ppm suspended solids

Cleaning Without Disassembly

- internal ladders with walkways
- multiple and large access doors
- X-Tract option



X-TRACT

Simplified

X-Tract System has been specially designed to simplify installation and maintenance operations. In a single lift, exchange surface, water distribution and drift eliminators are integrally removed allowing then a complete cleaning of the internals and of the casing on the ground.

Patented



Open Cooling Towers



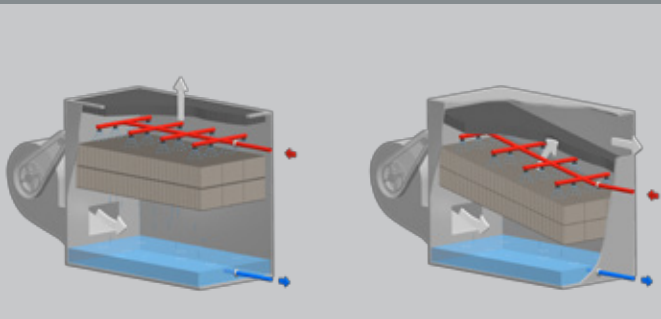
High Efficiency
Low Investment

Centrifugal Cooling Towers

DT / DT XL / S / ATM / SK / KS



- ▶ low noise
- ▶ low weight

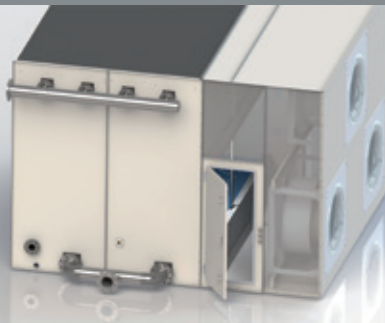
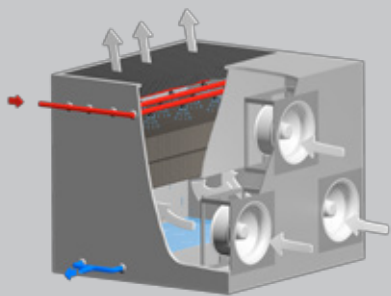


Centrifugal EC-Fans Cooling Tower

DTC ecoTec



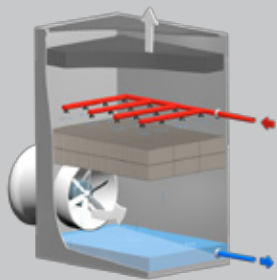
- ▶ 30% energy savings
- ▶ hygiene
- ▶ easy maintenance



Axial forced draft

KH

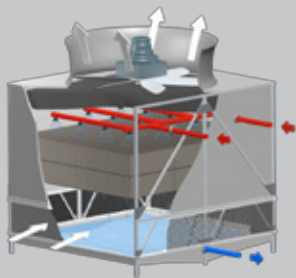
- ▶ low power consumption
- ▶ motor fan outside the wet air flow
- ▶ easy motor and fan access



Axial induced draft

VAP / TEC / RMP

- ▶ low power consumption
- ▶ small footprint



Closed Cooling Towers

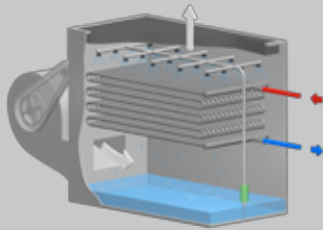


Safe

Evaporative Cooler

VK

- dry cooling
- compact design



Tube Bundle



Axial Evaporative Cooler

KHF / VAPF

- no freezing without glycol
- full cleaning on primary & secondary circuits

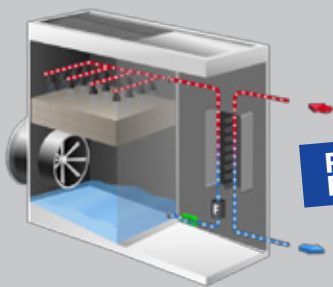
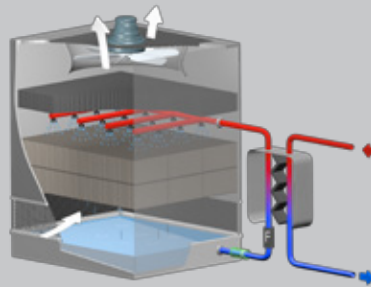


Plate Heat Exchanger



Centrifugal Evaporative Cooler

SF / CRF / KSF

- no freezing without glycol
- low noise

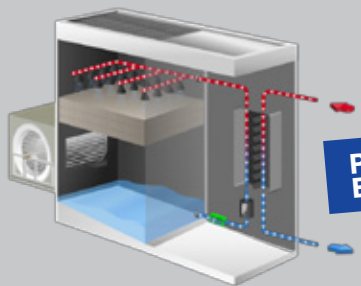


Plate Heat Exchanger



FRC Centrifugal Filter

- the FRC filter is simple and efficient against Legionella

In addition to the natural fouling resistance of the exchanger (high water velocity), this equipment is designed to retain and then remove suspended solids in the water that may offer nourishment for bacteriological growth.

Automatic cleaning is OK during the blow-down by induction cycle or by timer, 100% filtering of the water flow at 60 µm efficiency.

Patented



Hybrid Cooling Towers

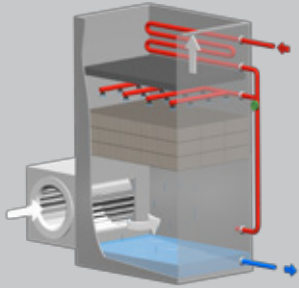


**Water Savings
Plume Free**

Open Hybrid Coolers

SIM / ATIM / KSIM / KHIM

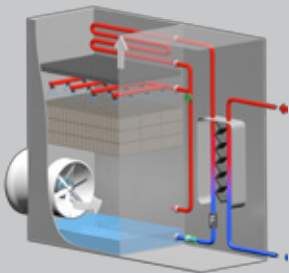
► high efficiency



Closed Hybrid Coolers

SFIM / CRIM / KSFIM / KHFIM

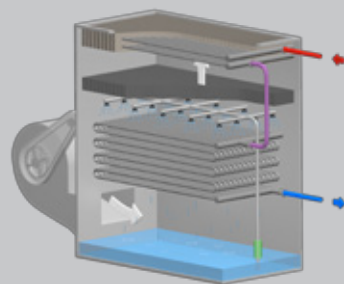
► glycol free
► safe



Hybrid Evaporative Cooler

VHK

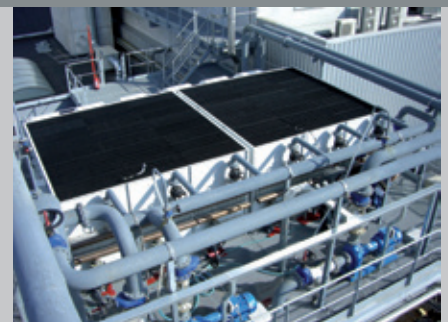
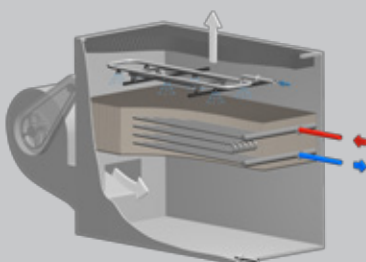
► high switch point dry / wet
► standard water treatment



Hybrid Water Cooler

HK

► long period of dry operation
► no secondary spray circuit



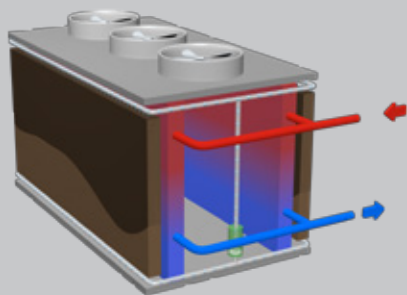
Adiabatic Cooler



Legionella Free
Low Operating Costs

Adiabatic Cooler

TOPAZ



- ▶ water treatment free
- ▶ legionella free
- ▶ up to 95% water savings
- ▶ plume free
- ▶ low operation costs
- ▶ easy maintenance



QUALITY CERTIFICATIONS

CTI
KS

CTI
DTC **eco**Tec

EUROVENT
KS

EUROVENT
DTC **eco**Tec

EUROVENT
KSF



Certification
in process

CTI
▶ member
▶ certification

EUROVENT
▶ association
▶ certification

Jacir and Gohl participate in cooling towers performance ECC Program. Check ongoing validity of certificates: www.eurovent-certification.com or www.cti.com

HYGIENE
DT

HYGIENE
VK

HYGIENE
HK

QUALITY
MANAGEMENT
SYSTEM
ISO 9001

CORROSION
DIN ISO 12944-6



Certified Whirl-Sintering
Coating according to
corrosion test
DIN ISO 12944-6,
highest category C5-M

CUSTOMER SUPPORT



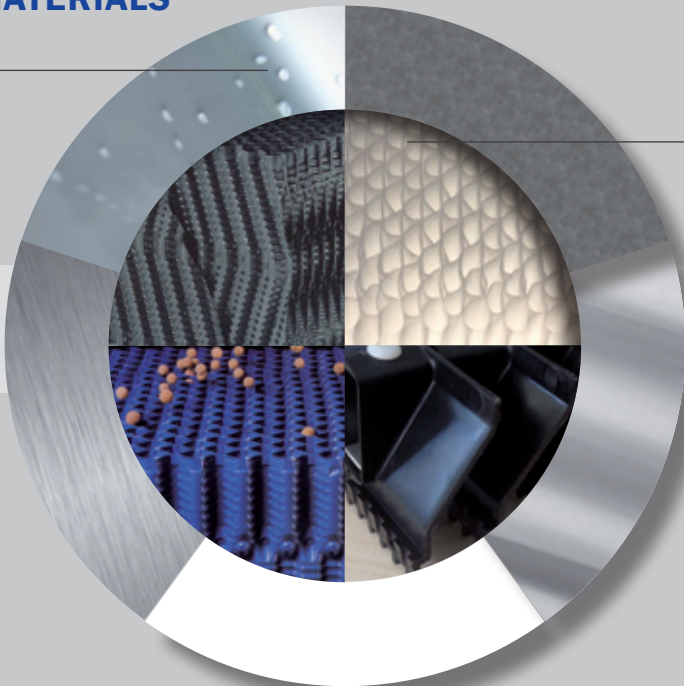
- ▶ original spare parts
- ▶ performance increase
- ▶ maintenance
- ▶ performance audit
- ▶ revamping
- ▶ tailor made solutions
- ▶ rental



INFILLS AND MATERIALS

Casing options

- Whirl-Sintering
-
- X-Steel
-
- FRP
-
- Sliding PVC
-
- Galvanized Steel



Infill options

- X-STREAM**
- 400 ppm total suspended solids
-
- FREEFILM**
- 120 ppm
-
- PVC / PVC**
- 12 and 19 mm
- 80 and 100 ppm



Permanently Good Cooling

For more than 50 years Jacir and GOHL have been specialised in the development and manufacture of innovative cooling tower technologies.

Thanks to our technological competence, many years of experience and the **largest European product range** we are always in a position to offer our customers appropriate solutions in premium quality for their individual requirements.

As one of the leading experts for cooling Jacir and GOHL have supplied more than 65.000 cooling towers to aprox. 100 countries for a wide range of applications in HVAC and Industrial Process Cooling.

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