



ALMECO  
Air and Water Technologies  
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**FLUID COOLING SYSTEMS**

# COOLING TOWERS



## Adiabatic

- AIR-A = Dry (closed) cooler with adiabatic pre-cooling section

## Open cooling circuit

- AIR = Open counterflow cooling tower with axial suction fan
- CFR = Open counterflow cooling tower with centrifugal forced draught fan
- AIG-R = Large cooling towers on demand

## Closed cooling circuit

### Tube bundle heat exchanger

- AIR-C-TG = Closed counterflow cooling tower with axial suction fan
- CFR-C-TG = Closed counterflow cooling tower with centrifugal forced draught fan

### Plate heat exchanger

- AIR-C-PS = Closed counterflow cooling tower with axial suction fan

\*All cooling towers with fiberglass reinforced polyester casing

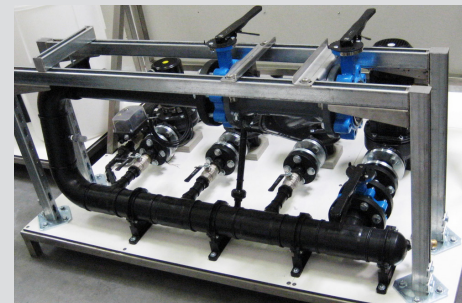
# CONTROL AND WATER TREATMENT

## Control

- Energy saving
- Always disposing of cooling water of the same temperature
- Lower fan noise with a lower fan speed
- Less wear of the drive parts

## Water treatment

- Appliances
- Products
- Analysis and follow-up



## COMPONENTS



### Packing

- Clean, polluted and loaded water applications
- Counterflow and crossflow applications

### Drift separators

- Cleanable
- Horizontally and vertically fitting

### Gears and fans

- Fan stacks
- Motors, specially for wet cooling tower applications

### Water distribution system

- Open and closed
- Nozzles

### Air intake louvers

### Other cooling tower parts

- Protective grilles, thermostats, silencers, access hatches, control cabinets, ...



## SERVICES

### Maintenance

- Research and analysis
- Supervision, cleaning or replacement of parts

### Repairs

- Repairs of parts
- Mechanical repairs

### Upgrading

- Adaptations of the drive gear and the configuration
- Adaptations to the applicable legionella regulations



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# AXON

[axongroup.com](http://axongroup.com)

## OUR OTHER BUSINESS UNITS:

- industrial fans
- drying and blow-off solutions
- water treatment and purification
- air purification
- automation

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