

Vestas industrial cooling

Vestas Cooling Tower – High Capacity

Cooling Towers are used across many industries. The reason is that they offer the most efficient method for cooling water.

Using nature's own forces to create the cooling effect enables us to cool both cheap and effective. At the same time the output temperature of the cooling water can be cooled down to a lower than the ambient air temperature.

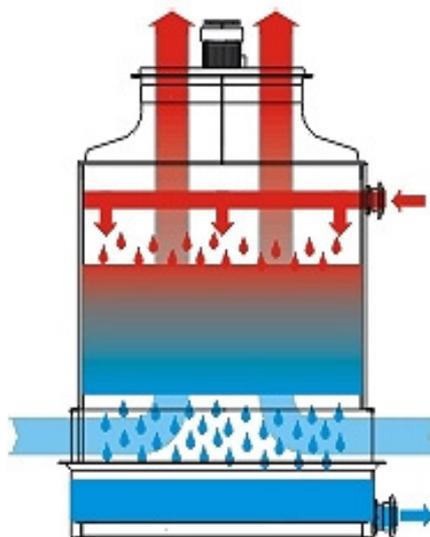


Nature's own method.

Cooling towers offer the cheapest and most efficient method for cooling water.

In a cooling tower, water flows against an airflow with a large surface area.

By the direct contact between water and air, a small amount of water evaporates, thereby cooling the remainder of the water circulated.



Accessories for the Cooling Tower:

- Service platform
- Noise damping / low noise
- Inlet filters
- Water level control
- Tanks, reservoirs, valves
- Special fill, bacteria control
- Winter operation

Options in the Cooling Tower:

- Specific design and choice of color
- Erection team or supervisor
- Engineering assistance
- Environmental advice
- Compliance with different standards

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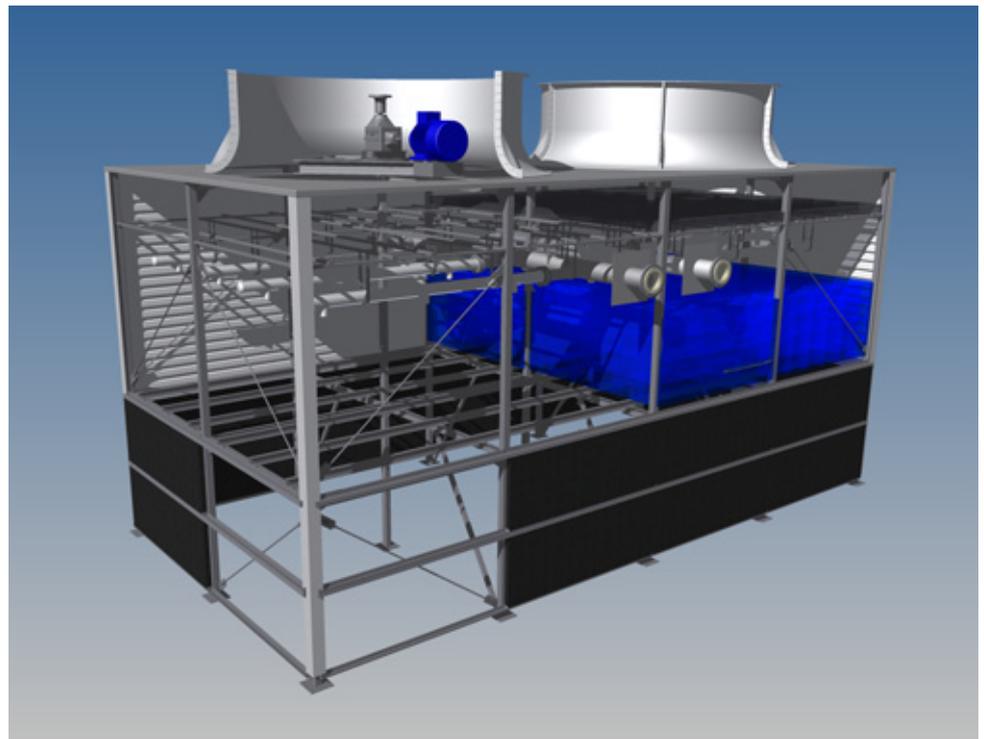
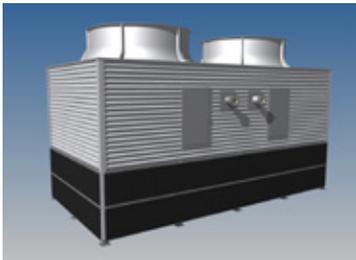
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The high capacity Cooling Towers are field erected due to the size of the tower with low cost sourcing and reduced transportation cost. Flexibility in the tower combinations satisfies whatever capacity requirements there is.

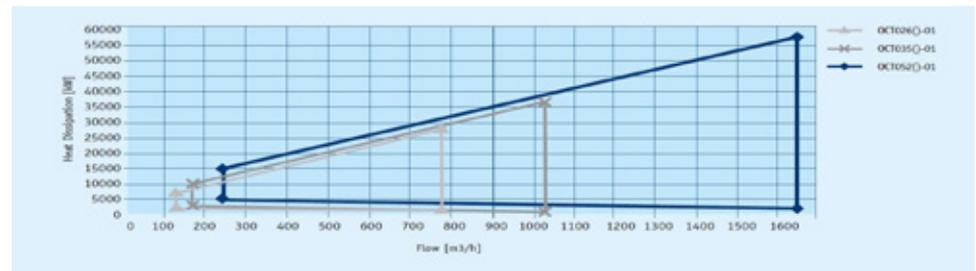
The combination between steel and FRP offering low maintenance, corrosion resistance, small investment and operations cost



Quality and reliability

Not only are the most modern tools used during development and design like CFD and COMSOL also our extensive field testing and Quality control are ensuring the compliance to specifications.

Our extensive service concept ensures reliable operation many years after the installation of the towers.



Capacity of the tower

The different tower models covers an area within heat effect, temperature range and water flow. If additional capacity or flexibility is needed a wide range of options are possible building several towers together.

