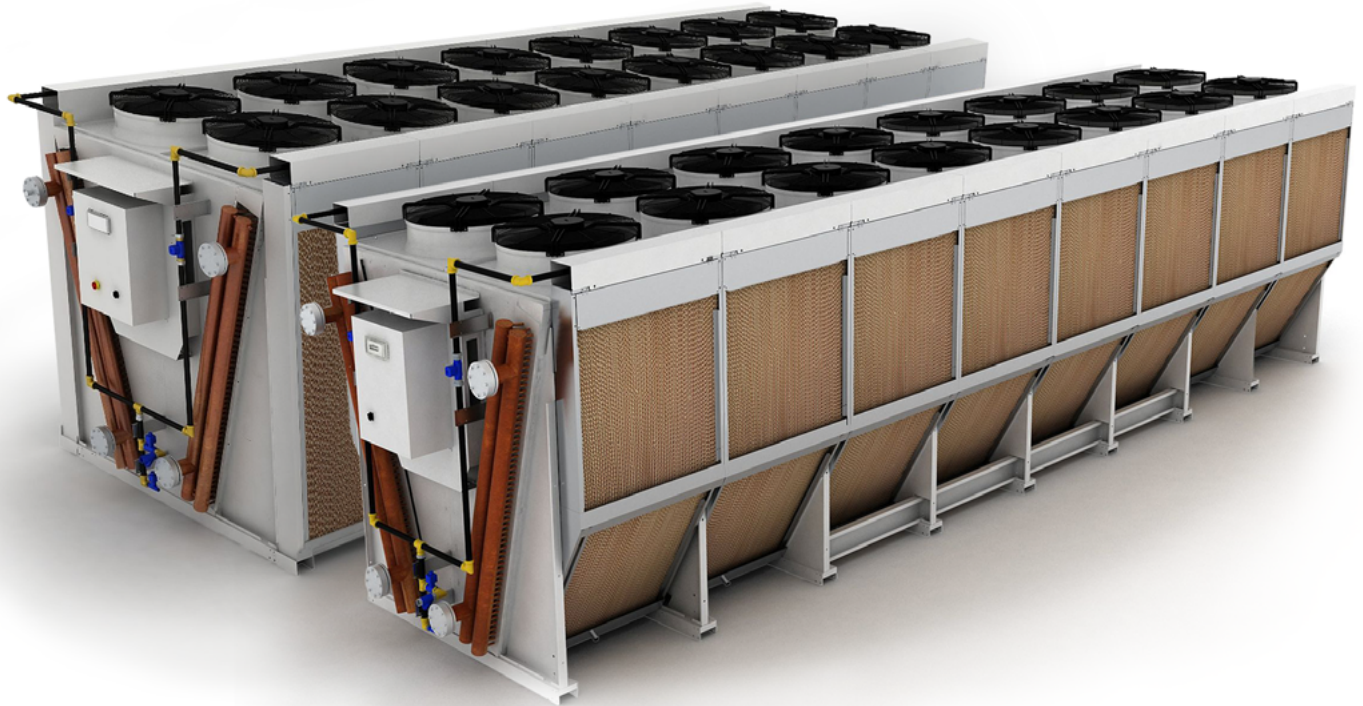


# Power-J (V-Tower) Dry Cooler



## FEATURES

The Power-J (V-Tower) is a series of drycoolers that can be equipped with the EPS adiabatic system. The EPS (Evaporative Panel System) is an adiabatic system with evaporative panels to reach higher specific capacity compared to a traditional Dry Cooler. The EPS system produces not aerosols and requires no water treatment while greatly reducing the water consumption.

The on board control system can be adjusted to optimize for:

- **Water Saving:** prioritizes reducing water consumption by reducing evaporative cooling periods
- **Energy Saving:** prioritize system energy consumption by increasing

The Industrial Super-J (V-Tower) available in both slanted panel versions for space saving or vertical panels.

## PERFORMANCE RANGE

Capacity from 290 to 2219 kW  
(ethylene glycol 35%, Tw1= 40°C,  
Tw2=35°C, T1=25°C)

## BENEFITS

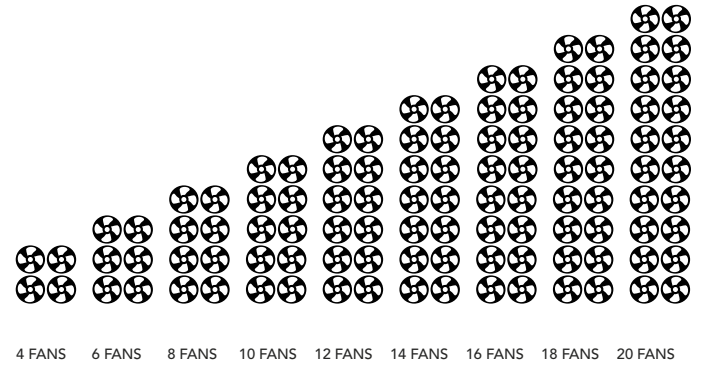
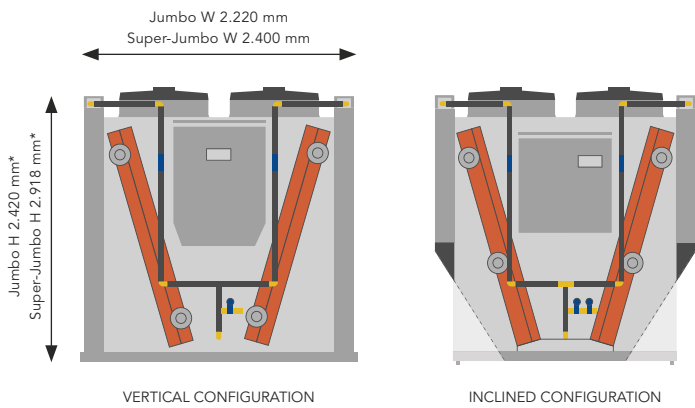
- No water treatment required
- No heat exchanger protection required
- Reduced water and energy consumption
- Low cost of ownership
- Heavy duty industrial Design

## CERTIFICATIONS

Hygienic certification according VDI 2047-2



# CONFIGURATION AND DIMENSIONS



\* The height properties do not include accessories that can be mounted on the fans: e.g. Axitop or ZA-PLUS.

## FANS

AC / EC Diameters	ø 800 / 910 / 1000 mm
AC HT	High Temperatures
EC Standard	
EC with Axitop	For increase the efficiency and reduce the noise
EC with ZA-PLUS	Increased efficiency with reduced noise levels

## HEAT EXCHANGE

Fin type	Corrugated or Turbo-fin on request
Standard fin spacing (mm)	2,1 mm
Standard fin material	Alluminium (standard), Hydrophobic Blue or Double Layer black (option)
Tube diameter (mm)	12 mm or 15,87 mm (optimised in order to fluid pressure drops)
Standard tube material	Copper or Stainless Steel (on request)

## CONTROLS OPTIONS

OPTION	DESCRIPTION
Smart control with EC fans	Electrical panel with EC Manager "Q2E" or "Q4E"
Smart control with AC fans	Electrical panel + Phase cut speed controller

## VARIANTS & ACESSORIES

- Simplified EPS system EPSSPV/S
- Complete EPS system EPSELV/S
- Recirculation tank kit with pump (special option)

## AVAILABLE MATERIALS

Fans	Alluminium (standard), Hydrophobic Blue or Double Layer black (option)	Fans	Guard grille: Steel tr. painted, Stainless steel Blades: Sp. reinf. plastic, Al, Painted
Casing	Fe Zn and Fe Zn painted RAL 7035, Stainless steel (option)	Electrical box	Pvc, Metallic, Stainless steel
Tubes / manifolds	Copper, Stainless steel (option)	Shock absorbers	FeZn, Stainless steel
Internal plates	Alluminium, Stainless steel (option)		

## MORE INFORMATIONS

Brochures, technical manuals and contacts are available on our site [www.thermokey.com](http://www.thermokey.com)

## SELECTION SOFTWARE

TK Archimede enables you to select the complete range of ThermoKey's round tube products. Can be downloaded from our site: [www.thermokey.com](http://www.thermokey.com)