



Kelvion's **Hybrid cooler** uses water to enhance the cooling effect

The Hybrid Cooler **bridges the gap** between cooling towers and adiabatic systems

Fully **optimised for dry and wet cooling** modes

Kelvion Hybrid

ENHANCE THE COOLING EFFECT



FANS

- ▶ **EC Technology:** Modbus control
- ▶ **Diameter Ø:** 910 mm
- ▶ **Number of fans:** 10, 12, 14, 16, 18 pcs

APPLICATIONS



Data Center



HVAC



Refrigeration

CAPACITY RANGE

H₂O 800 kW - 3.400 kW

HYBRID FUNCTION

- ▶ Deluge water forms a film across the fins of the coil and provides an additional medium of heat transfer
- ▶ This augmented cooling effect uses the application of water, to increase the cooling capacity of the coil
- ▶ The major benefit is that the cooling can still be achieved when the ambient temperature is higher than the process temperature

HEAT EXCHANGER

- ▶ **E-Coating:** Special anticorrosion protection of the coil
- ▶ **Fins:** High efficient Kelvion fin design
- ▶ **Row:** 4 rows

FEATURES

- ▶ Advanced control logic using conductivity sensor for optimised water consumption
- ▶ Highly efficient submersible water pump
- ▶ Advanced level sensors for trouble-free water balancing operation
- ▶ High-end original software to optimize efficiency of whole system
- ▶ Controls: Modbus
Optional: BACnet; on request: Profibus, Profinet)

DIMENSIONS & WEIGHT

TYPE HYB	LENGTH L (m)	HEIGHT H (m)	WIDTH W (m)	EMPTY WEIGHT (kg)	OPERATIONAL WEIGHT (kg)
LV-LA 205	6.7	3.4	2.7	5700	7076
LV-LA 206	7.9	3.4	2.7	6820	8396
LV-LA 207	9.1	3.4	2.7	7940	9731
LV-LA 208	10.3	3.4	2.7	8960	10965
LV-LA 209	11.5	3.4	2.7	10080	12327

