

Kelvion LV-T and LV-L Dry cooler

IMPROVED CAPACITY DENSITY AND QUIETER OPERATION







YOUR BENEFITS

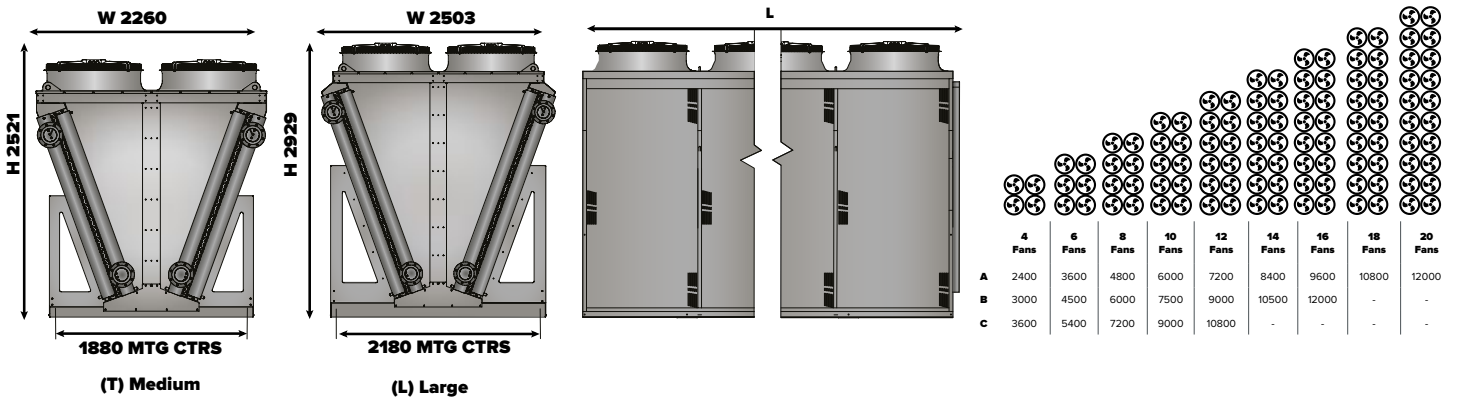
- ▶ LV-T/L V-profile extends the versatility of the Dry cooler range: Achieving a close specification match by offering three module length options of 1200mm, 1500mm or 1800mm across 2 coil width can on selected models be manufactured up to 12m long and 3 meters high in an ideal V angle formation suitable for all air conditioning application requiring a high capacity density small footprint – while reducing the number of units to install. The many combinations of fin type, coil rows and module lengths make it possible to perfectly balance capacity and refrigerant. The range can also be configured as Condensers and Gas coolers.
- ▶ A comprehensive collection of fan sets are available from various premium manufacturers. This ensures that the best fan is always selected and balanced against the model and application variant. High energy efficiency, low noise and flexible control options all ensure the best possible solution is offered.
- ▶ Eurovent certify-all: independent certification for thermal performance, power consumption, sound data and unit air volumes for standard products under scheme limits.
- ▶ CE Marked, PED compliant and UL Certified: Kelvion products can be supplied from SEP up to category IV

CAPACITY RANGE

H₂O 10.0 kW - 2140 kW
 $t_{Li}=25^{\circ}\text{C} \mid t_o=40^{\circ}\text{C} \mid \text{DT}=15\text{K} \text{ [SC1]}$

DIMENSIONS



FANS

▶ AC Normal	Ø 800 mm	▶ Min IP 54
▶ AC High power	Ø 900 mm	▶ 6, 8, 12 Pole and EC
▶ EC Standard	Ø 910 mm	▶ 1 & 3 phase
▶ EC High power		▶ 50/60 Hz
▶ EC Low power		▶ 1 - 20 fans

HEAT EXCHANGE

▶ Fin Type: L, T, K
▶ Standard Fin spacing: [in mm] L = 2.1 T, K = 2.3
▶ Fin Material: Cu, Al, Av, AlMg, Bg
▶ Tube Diameter: [in mm] 9.5 12 15.7
▶ Tube material: Cu, St/St

CONTROLS OPTIONS

OPTION	DESCRIPTION
Kelvion SmartControl	Connected to the Kelvion cloud to give live operational data
Unwired	Installer wires directly to fan terminal boxes.
Junction Box	Single or twin according to unit model.
Staged Control (AC Fan sets)	Motor switchgear with or without controller.
Speed Control	EC, inverter or triac.
Modbus	Options for control communication of fan and control

VARIANTS & ACCESSORIES

▶ Control Box & Isolators
▶ Sub cooling
▶ Multi sections
▶ Alternative Fin Material
▶ Special Paint
▶ Adiabatic System
▶ Customised Housing

OPERATING ENVIRONMENT GUIDANCE

APPLICATION ATMOSPHERE	TUBE MATERIAL	FIN MATERIAL
Commercial Application	Cu or St/St	Al, AV, AlMg, Cu, Bg
Industrial Application	Cu or St/St (NH3 must be St/St)	Al, AV, AlMg, Cu, Bg
Within 20 miles of the Sea	Cu	Cu, Bg, AlMg
Waste Disposal	Cu	Al, AV, AlMg, Cu, Bg

NOTE: The Tube material will suit fin Material

NOTE

Selection and Pricing on all products can be performed on the **Selection Software** which can be downloaded from our website www.kelvion.com