Kelvion

Approved for **A1, A2L and A3** refrigerants up to 32 bar

CO_2 Option up to **90 bar** available

Hygiene and Protection of Chilled Goods are Priority

www.kelvion.com

Ceiling Mounted Air Cooler

KELVION MCC: MULTI-GAS-UNIT FOR A1, A2L & A3

FANS

- EC Technology
- IP54, 1/N/PE 230V 50/60 Hz
- Controllable speed
- Fan diameter Ø: 300 mm
- Number of fans: 1 - 4 pcs

HEAT EXCHANGER

- Tube System: Staggered
- Tube spacing: 33 x 38 mm | Ø 12 mm
- Fin spacing: [in mm]: R = 4.0 | B = 7.0
- Multiple injection via Venturi Distributor
- Internal cleanliness according to DIN14276

BENEFITS

- With index FX32 approved for A1, A2L and A3 refrigerants up to 32 bar
- In accordance with the requirements of EN378 and EN IEC 60335-2-89 (11.2023)
- Best air guidance through built-in baffle plate
- Hygiene in cold room
- Low-silhouette design (315 mm)

CAPACITY RANGE

A2L — **1.4 kW - 11.7 kW**
t_{L1}=0°C | t_0=-8°C | DT1=8K | R454C

A3 — **1.0 kW - 7.9 kW**
t_{L1}=0°C | t_0=-8°C | DT1=8K | R290

CO_2 — **1.0 kW - 8.6 kW**
t_{L1}=0°C | t_0=-8°C | DT1=8K | R744

H_2O — **0.4 kW - 1.9 kW**
t_{L1}=+16°C | t_{S1}=+4°C | t_{S2}=+8°C | Water

DEFROST

DEFROST	COIL	DRIP TRAY
Electric	✓	✓

20% LESS ENERGY CONSUMPTION
... thanks to an adapted defrosting concept and heating elements with reduced heating output*

KELVION SELECT RT

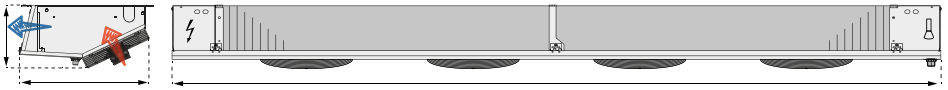
Your tool for thermodynamic Heat Exchanger selection.
ANYTIME.
ANYWHERE.

MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE
Aluminum		☑		☑
Copper	☑			
Aluminum epoxy-resin-coated		✓		
Al/galv. steel powder coated			☑	
Stainless Steel	✓		✓	

☑ Standard execution | ✓ Available as a variant
* upon request | Casing powder coated (RAL 9010)

DIMENSIONS in [mm]



* Comparison based on a MCC type compared to old defrost standard. -8°C evap. temp. and 2°C air in.
Summary: -20% energy consumption per defrost cycle in average | +10min defrost time compared to old defrost heaters in average.