

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

CO₂ Option up to 60 bar available

High-grade powder coated aluminum coil and caseworks

Ceiling Mounted Air Cooler

KELVION KCC/KCB: MULTI-GAS-UNIT FOR A1, A2L & A3



FANS

- ▶ EC Technology IP 65; 1/N/PE 230V 50/60Hz
- ▶ Fixed Fanspeed
- ▶ Diameter Ø: 200 mm
- ▶ Number of fans: 1 - 3 pcs

DEFROST

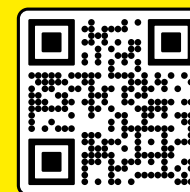
DEFROST	COIL	DRIP TRAY
Electric	✓	✓



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.**

CAPACITY RANGE

HFC

0.4 kW - 2.0 kW

$t_{Li}=0^{\circ}\text{C} \mid t_{Co}=-8^{\circ}\text{C} \mid \text{DTI}=8\text{K} \mid \text{R404A} \mid \text{SC2}$

CO₂

0.6 kW - 1.7 kW

$t_{Li}=0^{\circ}\text{C} \mid t_{Co}=-8^{\circ}\text{C} \mid \text{DTI}=8\text{K} \mid \text{R744} \mid 60 \text{ bar}$

A2L

0.5 kW - 2.8 kW

$t_{Li}=0^{\circ}\text{C} \mid t_{Co}=-8^{\circ}\text{C} \mid \text{DTI}=8\text{K} \mid \text{R454C}$

A3

0.4 kW - 1.9 kW

$t_{Li}=0^{\circ}\text{C} \mid t_{Co}=-8^{\circ}\text{C} \mid \text{DTI}=8\text{K} \mid \text{R290}$

HEAT EXCHANGER

- ▶ Tube System: Staggered
- ▶ Tube Spacing: 33 x 38 mm | Ø 10 mm [1-2 fans]
33 x 38 mm | Ø 12mm [3 fans]
- ▶ Fin Spacing [in mm]: A = 4.5 | B = 7.0
- ▶ Single injection via copper pipe for brazing connection

MATERIALS

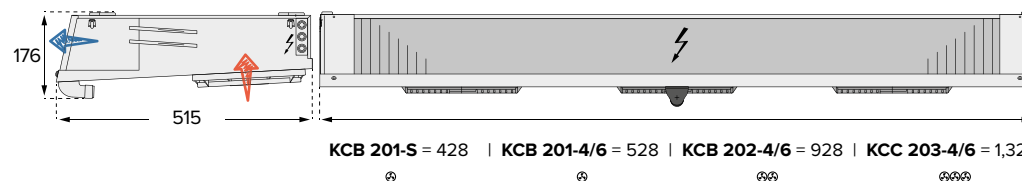
MATERIAL	TUBE	FINS	CASING	END PLATE
Aluminum		✓	✓	✓
Copper	✓			
Steel sendzimir zinc-plated			✓	
Stainless Steel				
Powder Coating [RAL 9010]	✓	✓	✓	✓

☑ Standard execution | ✓ Available as a variant | * upon request

BENEFITS

- ▶ From 2024 with index FX 32 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)
- ▶ High-grade powder coated aluminum coil and caseworks offer best corrosion protection
- ▶ An integrated air baffle plate ensures optimal airflow

DIMENSIONS in [mm]



* Comparison based on a KCC 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.