



**High performance** due to application-suited circuit design

For food & beverage distribution centers, logistics centers, production shop floors **and more**

**Variable air direction** of all fan variants – blow-through as draw-through



## Cubic Air Cooler

# KELVION ZGB/ZGZ: COOLING & FREEZING (FEZN)



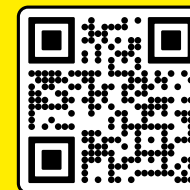
## FANS

- ▶ AC & EC Technology
- ▶ Rapid Cooling
- ▶ Deep Freezing
- ▶ ATEX
- ▶ 60 Hz
- ▶ Fan diameter Ø: 450, 500, 560, 630 mm
- ▶ Number of fans: 1 - 6 pcs

## DEFROST

DEFROST	COIL	DRIP TRAY	FAN
Electric	✓	✓	✓
Hot gas	✓	✓	
Water	✓	✓	
Secondary Circuit	✓		

## KELVION SELECT RT



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

## CAPACITY RANGE

**NH<sub>3</sub>**

**3,3 kW - 151 kW**

$t_{Li} = 0^\circ\text{C} \mid t_{Lo} = -8^\circ\text{C} \mid \Delta T = 8\text{K} \mid \text{SC2} \mid \text{NH}_3 \text{ pump}$

**CO<sub>2</sub>**

**2 kW - 143 kW**

$t_{Li} = 0^\circ\text{C} \mid t_{Lo} = -8^\circ\text{C} \mid \Delta T = 8\text{K} \mid \text{R744} \mid 60 \text{ bar}$

**MEG**

**3,6 kW - 181 kW**

$t_{Li} = 5^\circ\text{C} \mid t_{in} = -7^\circ\text{C} \mid t_{out} = -4^\circ\text{C} \mid \text{E-glycol } 37\%$

## HEAT EXCHANGER

- ▶ Coil block: Steel tubes & fins, hot dipped galvanized
- ▶ Tube System: Aligned - 22 mm o.d.
- ▶ Tube spacing: 60 x 60 mm
- ▶ Fin spacing [in mm]: 6,0 | 8,0 | 10,0 | 12,0

## OPTIONS

- ▶ Defrost sock (Adapter connection, integrated) -draw
- ▶ Air throw streamer -draw
- ▶ Diffusor (with air operated damper) -blow
- ▶ Hinged fans and/or driptray
- ▶ Polyester driptray
- ▶ Suction hood fan side (-blow) or fin side (-draw)
- ▶ Insulated drip tray (with anti-condensation heating)

## MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE	FAN GUARD
Aluminum			✓		
Steel hot dipped galvanized	☑	☑		☑	
Aluminum			✓		
Aluminum Almg			✓		
Steel sendzimir zinc-plated			☑		
Epoxy spray finishing (White)			✓		
Epoxy spray finishing (RAL 9005)					☑
Stainless Steel V2A (304)			✓		✓
Stainless Steel V4A (316)			✓		

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

## DIMENSIONS in [mm]

