Kelvion

Minimize the weight loss and conserving the qualities of the food product

CMK copper (Cu) or CML stainless steel (StSt)

Designed for quick chilling and freezing of food products

www.kelvion.com

Blast Freezer

KELVION CMK & CML: BLAST CHILLING & FREEZING

CAPACITY RANGE

HFC — **13 kW - 116 kW**
t_{L1}=0°C | t_0=-8°C | DT1=8K | R404A [SC2]

CO_2 — **12 kW - 115 kW**
t_{L1}=0°C | t_0=-8°C | DT1=8K | R744 | 45/90 bar

H_2O — **4.4 kW - 74 kW**
t_{L1}=+16°C | t_{Si}=+4°C | t_{S2}=+8°C | Water [SC10]

NH_3 — **14 kW - 126 kW**
tL1= -0°C | t0= -8°C | DT = 7K [SC2] | NH3 pump

FANS

- AC & EC Technology
- 50/60 Hz
- Safety Switch
- Fan Diameter Ø: 560, 630 mm
- Number of fans: 2, 4, 6 pcs

HEAT EXCHANGER

- Coil Block: Cu | Al (CMK) or StSt | Al (CML)
- Tube System: Aligned
- Tube Spacing: 50 x 50 mm
- Fin Spacing [in mm]: B = 7,0 | K = 10,0 | L = 12,0

BENEFITS

- Application optimized: refrigerant distribution & circuiting
- Optimized heat exchanger geometry
- Aerodynamically intergrated fan system
- Blow-through fans achieve an optimal air speed
- Standard 50 Pa or 100 Pa external pressure available
- Up to 60bar with CO_2
- Construction for adjustable floor mounting (optional)

DEFROST

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

KELVION SELECT RT

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

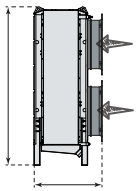
MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE	FAN GUARD
Aluminum		☑		☑	
Copper	☑ (CMK)				
Aluminum Goldlack coating		✓			
Aluminum Almg		✓	✓	✓	
Steel sendzimir zinc-plated			☑	✓	
Powder coating			✓		☑
Stainless Steel V2A (304)	☑ (CML)			✓	✓

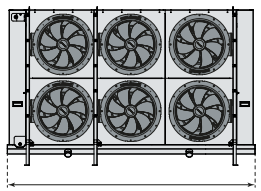
☑ Standard execution | ✓ Available as a variant |
* upon request | Casing powder coated (RAL 9010)

DIMENSIONS in [mm]

CMK56. = 1850
CMK63. = 2050



CMK56. = 843 - 943
CMK63. = 976 - 1076



CMK56. = 1.316 - 2.916
CMK63. = 1.516 - 3.516