



High performance due to optimized circuit design

Flexible power spectrum due to numerous variants and configuration possibilities

Blow-through or draw-through air guidance



Cubic Air Cooler

KELVION CSK/CBK & CSL/CBL: FOR DEMANDING TASKS



FANS

- ▶ AC Technology | 4 - 6 Pole | Delta/Star (2 speeds)
- ▶ EC Technology | 0-10V | Modbus
- ▶ 50 | 60 Hz
- ▶ Fan diameters Ø [in mm]: 450, 500, 560, 630, 800
- ▶ Number of fans: 1-8

DEFROST

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

KELVION SELECT RT



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

CAPACITY RANGE

HFC

6.4 kW - 184 kW

$t_{L1}=0^{\circ}\text{C}$ | $t_{G1}=-8^{\circ}\text{C}$ | $DT1=8\text{K}$ | R404A [SC2]

CO₂

6.4 kW - 167 kW

$t_{L1}=0^{\circ}\text{C}$ | $t_{G1}=-8^{\circ}\text{C}$ | $DT1=8\text{K}$ | R744 | 60 bar

MEG

6.4 kW - 268 kW

$t_{L1}=5^{\circ}\text{C}$ | $t_{m1}=-7^{\circ}\text{C}$ | $t_{G1}=-4^{\circ}\text{C}$ | E-glycol 37%

NH₃

7,7 kW - 224 kW

$t_{L1}=0^{\circ}\text{C}$ | $t_{G1}=-8^{\circ}\text{C}$ | $DT=7\text{K}$ [SC2] | NH₃ pump

HEAT EXCHANGER

- ▶ Coil block:
Stainless steel tubes | Aluminium fins [CSK/CBK]
Copper tubes | Aluminium fins [CSL/CBL]
- ▶ Tube System: Aligned
- ▶ Tube spacing: 50 x 50 mm
- ▶ Fin spacing [in mm]: R = 4,0 | B = 7,0 | K = 10,0

OPTIONS

- ▶ Defrost sock (Adapter connection, integrated) - CSL
- ▶ Air throw streamer - CSL
- ▶ Diffusor (with air operated damper) - CBL
- ▶ Hinged fans and/or driptray
- ▶ Polyester driptray
- ▶ Suction hood fan side (-CBL) or fin side (-CSL)
- ▶ Insulated drip tray (with anti-condensation heating)
- ▶ Feet for floor mounting and insulation disks
- ▶ Design pressures 28 - 70 bar

MATERIALS

MATERIAL	TUBE	FINS	END PLATE	CASING	DRIP TRAY	FAN GUARD
Aluminum		✓	✓		✓	
Copper	✓ [CxK]					
Aluminum Goldlack coating		✓				
Aluminum Almg		✓	✓			
Steel sendzimir zinc-plated				✓	✓	
2K-spray painting (RAL9010)				✓	✓	
Powder coating (RAL 9010)				✓	✓	
Powder coating (RAL 9005)						✓
Stainless Steel V2A (304)	✓ [CxL]			✓	✓	✓
Stainless Steel V4A (316)	✓			✓	✓	

✓ Standard execution | ✓ Available as a variant

DIMENSIONS in [mm]

