



Optimized heat exchanger geometry and very efficient fan system

A-CDK copper (Cu) or A-CDL stainless steel (StSt)

Specially designed for where people are working

Kelvion A-CDK & A-CDL

DUAL PERFORMANCE IN A SINGLE COOLER



FANS

- ▶ AC Technology
- ▶ Speed Control & Safety Switch
- ▶ Diameter Ø: 450, 500, 560, 630 mm
- ▶ Number of fans: 1 - 4 pcs

DEFROST

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

KELVION SELECT



Your tool for thermodynamic Heat Exchanger Selection ANYTIME. ANYWHERE.

<https://selectrt.kelvion.com>

HEAT EXCHANGER

- ▶ Coil block: Cu | Al (A-CDK) or StSt | Al (A-CDL)
- ▶ Tube System: Aligned
- ▶ Tube spacing: 50 x 50 mm
- ▶ Fin spacing: [in mm]: R = 4,0 | B = 7,0 | K = 10,0

MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE	FAN GUARD
Aluminum		☑	✓	☑	
Copper	☑ (CDK)				
Aluminum Goldlack coating		✓			
Aluminum Almg		✓	✓	✓	
Steel sendzimir zinc-plated			☑	✓	
Powder coating			☑		☑
Stainless Steel V2A (304)	☑ (CDL)		✓	✓	✓
Stainless Steel V4A (316)	☑ (CDL)		✓	✓	

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

CAPACITY RANGE

HFC

6.9 kW - 129 kW

$t_{li}=0^{\circ}\text{C}$ | $t_{co}=8^{\circ}\text{C}$ | $DT1=8\text{K}$ | R404A [SC2]

CO₂

6.9 kW - 121 kW

$t_{li}=0^{\circ}\text{C}$ | $t_{co}=8^{\circ}\text{C}$ | $DT1=8\text{K}$ | R744 | 60 bar

NH₃

8.6 kW - 169 kW

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

MEG

4.4 kW - 74 kW

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

OPTIONS

- ▶ Insulated fan heating
- ▶ Insulated drip tray and/or fan plate
- ▶ Hinged fans (new optimized solution!)
- ▶ Defrost sensor tube
- ▶ Fan wiring

DIMENSIONS in [mm]

