



Ideally suited for CO₂ up to 90 bar or propane applications

CDF copper (Cu) or CDH stainless steel (StSt)

Low refrigerant charge & high efficiency

Kelvion Dual Discharge Cooler range: CDF & CDH

NATURALLY COLD, OF COURSE



FANS

- ▶ AC or EC 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 (CDF) or StSt | Al (CDH)
- ▶ Tube System: Aligned
- ▶ Tube spacing: 50 x 50 mm
- ▶ Fin spacing: [in mm]: R = 4,0 | B = 7,0 | K = 10,0 | L = 12,0

MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE	FAN GUARD
Aluminum		☑		☑	
Copper	☑ (CDF)				
Aluminum Goldlack coating		✓			
Aluminum Almg		✓		✓	
Steel sendzimir zinc-plated			✓		
Epoxy spray finishing			☑		☑
Stainless Steel V2A (304)	☑ (CDH)		✓		✓

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

CAPACITY RANGE

CO₂

6.1 kW - 125 kW

t_i=0°C | t_o=-8°C | DT=8K | R744 | 90 bar

NH₃

7.9 kW - 154 kW

t_i=0°C | t_o=-8°C | DT=8K | R717

C₃H₈

7 kW - 117 kW

t_i=0°C | t_o=-8°C | DT=8K | R290

OPTIONS

- ▶ Insulated fan heating
- ▶ Insulated drip tray and/or fan plate
- ▶ Hinged fans (new optimized solution!)
- ▶ Multiple injections via CAL® distributor
- ▶ Anti-condensation heating in drip tray
- ▶ Defrost sensor tube
- ▶ Fan wiring
- ▶ Coil to spiral connection and many more

DIMENSIONS in [mm]

