



Ideally suited for CO<sub>2</sub> up to 90 bar or propane applications

CSF/CBF copper (Cu) or CSH/CBH stainless steel (StSt)

Low refrigerant charge & high efficiency

## Kelvion Cubic Air Cooler range: CSF/CBF and CSH/CBH

# NATURAL BORN COOLERS



### FANS

- ▶ AC Technology 4 - 6 Pole, Delta/Star (2 speeds)
- ▶ EC Technology 0-10V | Modbus
- ▶ Diameter Ø: 450, 500, 560, 630, 800 mm
- ▶ Number of fans: 1 - 8 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 (CSF/CBF) or StSt | Al (CSH/CBH)
- ▶ Tube System: Aligned
- ▶ Tube spacing: 50x50 mm
- ▶ Fin spacing: [in mm]: B = 7,0 | K = 10,0 | L = 12,0

### MATERIALS

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

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

### CAPACITY RANGE

CO<sub>2</sub>

**5.6 kW - 175 kW**

t<sub>i</sub>=0°C | t<sub>e</sub>=-8°C | DT=8K | R744 | 90 bar

NH<sub>3</sub>

**7.7 kW - 224 kW**

t<sub>i</sub>=0°C | t<sub>e</sub>=-8°C | DT=8K | R717

C<sub>3</sub>H<sub>8</sub>

**6.1 kW - 176 kW**

t<sub>i</sub>=0°C | t<sub>e</sub>=-8°C | DT=8K | R290

### OPTIONS

- ▶ Defrost sock (Adapter connection, integrated) -draw
- ▶ Air throw streamer -draw
- ▶ Diffusor (with air operated damper) -blow
- ▶ Hinged fans and/or driptray
- ▶ Suction hood fan side (-blow) or fin side (-draw)
- ▶ Insulated drip tray (with anti-condensation heating)
- ▶ Feet for floor mounting and insulation disks
- ▶ Coil to spiral connection and many more

### DIMENSIONS in [mm]

