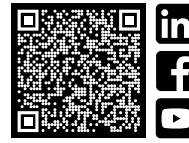




Efficient and competitive solution for supermarkets, warehouses or cold stores

Side covers, drip tray and inner drip tray are hinged and removable

Latest generation EC technology with reduced current consumption



www.kelvion.com

## Kelvion Cubic Air Cooler range: KSC and MSC

# SUPERIOR COOLING FOR COMMERCIAL APPLICATIONS



### FANS

- ▶ **ESM Technology** 0-10V | IP54  
KSC23: (2 speeds), IP55 | KSC30: (4 speeds), IP54
- ▶ **Diameter Ø:** 230, 300, 400, 500 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

- ▶ **Tube System:** Staggered
- ▶ **Tube spacing:** 33 x 38 mm | Ø 12 mm
- ▶ **Fin spacing:** [in mm]: R = 4.0 | B = 7.0
- ▶ **Multiple injection** via Venturi Distributor
- ▶ **Delivery:** with approx. 5 PSI overpressure

### MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE
Aluminum		☑	☑	☑
Copper	☑			
Aluminum epoxy-resin-coated		✓		
Aluminum protective coating			✓	✓
Stainless Steel V2A (304)	✓		✓	✓

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

### CAPACITY RANGE

**HFC**

**0.8 kW - 50 kW**

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

**CO<sub>2</sub>**

**0.8 kW - 58 kW**

$t_{li}=0^{\circ}\text{C}$  |  $t_{co}=-8^{\circ}\text{C}$  |  $DT1=8\text{K}$  | R744 | 45/90 bar

**H<sub>2</sub>O**

**1.2 kW - 88.2 kW**

$t_{li}=+16^{\circ}\text{C}$  |  $t_{co}=+4^{\circ}\text{C}$  |  $t_{sz}=+8^{\circ}\text{C}$  | Water [SC10]

**NH<sub>3</sub>**

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### OPTIONS

- ▶ Shut-Up®
- ▶ Adapter for Air Hose & Shut Up® (KSC 30 & 40, MSC)
- ▶ Finned-tube Heaters KSHR/SHR Z & MSHR / SHR Z
- ▶ Double-walled, insulated Drip Tray
- ▶ Hinged Fans
- ▶ CAL® Distributor
- ▶ CO<sub>2</sub> 45/90 bar & Water / brine execution
- ▶ Corrosion protection in 4 options

### DIMENSIONS in [mm]

