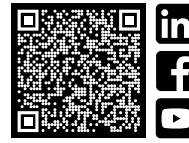




Efficient and competitive solution for supermarkets, warehouses or cold stores

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

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

CO₂

0.8 kW - 58 kW

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

H₂O

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]

NH₃

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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
- ▶ CO₂ 45/90 bar & Water / brine execution
- ▶ Corrosion protection in 4 options

DIMENSIONS in [mm]

