

Kelvion KSC

SUPERIOR COOLING FOR COMMERCIAL APPLICATIONS



YOUR BENEFITS

- ▶ **Kelvion KSC** offers you the latest development of our range of commercial air coolers
- ▶ Efficient and competitive solution for basic applications in **supermarkets, warehouses or cold stores**
- ▶ Side covers, drip tray and inner drip tray are **hinged and removable** to ensure accessibility during installation or inspection
- ▶ **Round corners** on casing offers attractive design for easy cleaning
- ▶ Latest generation **EC technology** with reduced current consumption and a great system performance
- ▶ **Pre-wired fans** for fast and sure electrical connections
- ▶ **45 / 90 bar CO₂** options available

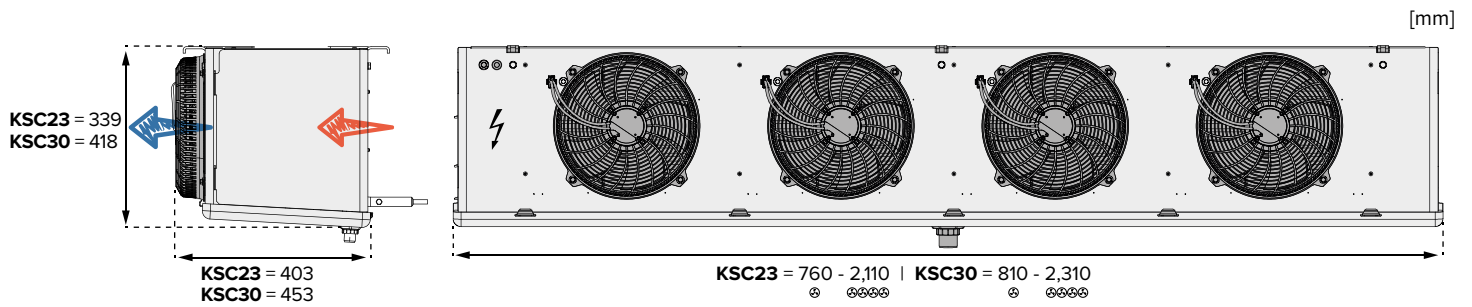
CAPACITY RANGE

HFC
0.9 kW - 13.1 kW
 $t_{1i}=0^{\circ}\text{C} \mid t_{1e}=-8^{\circ}\text{C} \mid \text{DT1}=8\text{K} \mid \text{R404A} \mid [\text{SC2}]$

0.8 kW - 13.9 kW
 $t_{1i}=0^{\circ}\text{C} \mid t_{1e}=-8^{\circ}\text{C} \mid \text{DT1}=8\text{K} \mid \text{R744} \mid 45/90 \text{ bar}$
Brine
1.2 kW - 22.5 kW
 $t_{1i}=+16^{\circ}\text{C} \mid t_{1e}=+4^{\circ}\text{C} \mid t_{2e}=+8^{\circ}\text{C} \mid \text{Water} \mid [\text{SC10}]$
NH₃

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AIR DIRECTION & DIMENSIONS

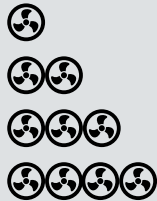


FANS

► EC | ESM Technology

KSC 23: 2 speed; IP55

KSC 30: 4 speed; IP54



Ø 230 mm

Ø 300 mm

HEAT EXCHANGER

► Tube System: Staggered

► Tube spacing: 33 x 38 mm | Ø 12 mm

► Fin spacing: [mm]

R = 4.0 | B = 7.0

► Single/Multiple injection via Venturi Distributor

DEFROST

DEFROST	COIL	DRIP TRAY
Electric	✓	✓
Hot Gas	✓	✓
Cold Gas		
Brine		

VARIANTS & ACCESSORIES

► Shut-Up®

► Adapter for Air Hose & Shut Up® (KSC 30)

► Finned-tube Heaters KSHR/SHR Z

► Double-walled, insulated Drip Tray

► Hinged Fans

► CAL® Distributor

► CO₂ 45/90 bar

► Water / brine execution

► Corrosion protection in 4 option to choose from

MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE
Aluminum		☑	☑	☑
Copper	☑			
Aluminum epoxy-resin-coated		✓		
Aluminum protective coating			✓	✓
Stainless Steel	*			*

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

NOTE

With our product selection software Kelvion RT Select you can configure our products and spare parts easily and very detailed for your customer. Reliable support during the project planning phase and time savings by means of a detailed selection is guaranteed.