

Kelvion KSC

SUPERIOR COOLING FOR COMMERCIAL APPLICATIONS



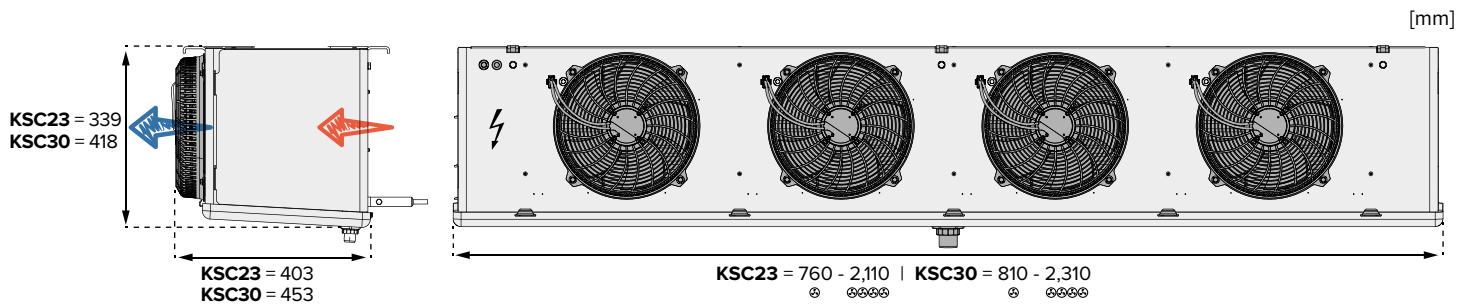
YOUR BENEFITS

- ▶ **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 <small>$t_{1i}=0^{\circ}\text{C} \mid t_{1o}=-8^{\circ}\text{C} \mid \text{DT1}=8\text{K} \mid \text{R404A} \mid [\text{SC2}]$</small> |
| CO₂ | 0.8 kW - 13.9 kW <small>$t_{1i}=0^{\circ}\text{C} \mid t_{1o}=-8^{\circ}\text{C} \mid \text{DT1}=8\text{K} \mid \text{R744} \mid 45/90 \text{ bar}$</small> |
| Brine | 1.2 kW - 22.5 kW <small>$t_{1i}=+16^{\circ}\text{C} \mid t_{1s}=+4^{\circ}\text{C} \mid t_{2s}=+8^{\circ}\text{C} \mid \text{Water} \mid [\text{SC10}]$</small> |
| NH₃ | - |

AIR DIRECTION & DIMENSIONS



FANS

| | | |
|-----------------------|--|----------|
| ▶ EC ESM Technology | | Ø 230 mm |
| KSC 23: 2 speed; IP55 | | Ø 300 mm |
| KSC 30: 4 speed; IP54 | | |
| | | |

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 |
| ▶ CO ₂ 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.