



Searle DSR dual discharge cooler

**RELIABLE, AFFORDABLE
ENGINEERING**



YOUR BENEFITS

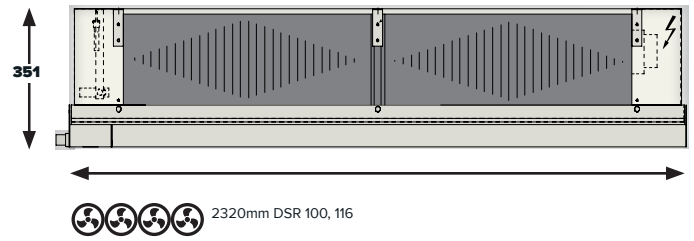
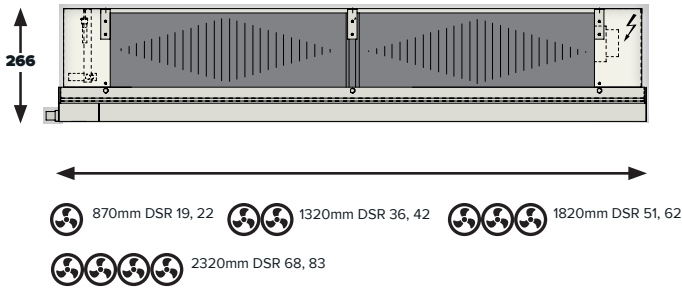
- ▶ **The DSR range from Kelvion are ceiling mounted dual discharge coolers:** With low profile and low air velocity, they have been designed for cold rooms, laboratories, food preparation areas and are available for either low or high temperature applications.
- ▶ **The revolutionary design combines compactness with efficiency:** The range calls on the experiences and designs of previous Searle coolers and provides the opportunity for close temperature control, with minimum energy demands from a compact, unobtrusive unit.
- ▶ **Enhanced standard DSR range for CO₂ refrigeration applications.** Utilising the same coil configuration as other Kelvion unit coolers, such as the KME and KEC, the DSR is the ideal solution for compact dual discharge CO₂ applications. Factory tested to 1.43 x the rated maximum pressure to ensure the DSR is safe and leak free prior to delivery.
- ▶ **Eurovent certify-all:** independent certification for thermal performance, power consumption, sound data and unit air volumes for standard products under scheme limits.

CAPACITY RANGE

HFO/HFK 1.25 kW - 15 kW
 $t_{L1}=0^{\circ}\text{C} \mid t_{0}=-8^{\circ}\text{C} \mid \text{DT}=8\text{K} \mid [\text{SC2}] \mid \text{R404A}$

CO₂ 1.2 kW - 13 kW
 $t_{L1}=0^{\circ}\text{C} \mid t_{0}=8^{\circ}\text{C} \mid \text{DT}=8\text{K} \mid [\text{SC2}]$

DIMENSIONS



FANS

▶ AC Standard		<p>Ø 305 mm</p> <p>IP44</p> <p>1 phase</p> <p>50 & 60 Hz</p>
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HEAT EXCHANGE

▶ Fin Type: D, E
▶ Tube Diameter: [in mm]
D = 12 E = 9.5
▶ Standard Fin spacing: [in mm]
3 4 5 (CO ₂ only) 6
▶ Fin Enhancements: Light Ripple

DEFROST

DEFROST	FAN	COIL	DRIP TRAY
Standard Electric	✓	✓	✓
Heavy Electric	-	-	-
Hot gas		✓	✓

VARIANTS & ACCESSORIES

▶ Condensate Pump With Remote Sensor
▶ Heater kits
▶ Fans
▶ 'U' Bends
▶ Model options: DSR-LP, DSR-MP, DSR-LX, DSR-MX, DSR-HX

MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE
Copper (Cu)	☑	✓		
Aluminium (Al)		☑		☑
Aluminium Epoxy (AV)		✓		
Galvanised Steel			☑	

☑ Standard | ✓ Available as a variant

NOTE

Selection and Pricing can be performed on the Searle **Selection software** which can be downloaded from our website www.kelvion.com