



Higher specific power,
reduced fan speed and air
velocity through the coil

Hinged drip trays,
easy removable
cover plates

Optimised heat exchanger
geometry & an aerodynami-
cally integrated fan system

Dual Discharge Air Cooler

KELVION DZS: FLEXIBLE AIR COOLER



FANS

- ▶ AC & EC Technology
- ▶ Rapid Cooling
- ▶ Speed control
- ▶ ATEX
- ▶ 60 Hz
- ▶ Fan diameter Ø:
450, 500, 560, 630 mm
- ▶ Number of fans: 1 - 6 pcs

DEFROST

DEFROST	COIL	DRIP TRAY	FAN
Electric	✓	✓	✓
Hot Gas	✓	✓	
Water	✓	✓	
Secondary Circuit			

KELVION SELECT RT



Your tool for
thermodynamic
Heat Exchanger
selection.
ANYTIME.
ANYWHERE.

CAPACITY RANGE

NH₃

3 kW - 139 kW

$t_{Li}=0^{\circ}\text{C}$ | $t_{Co}=8^{\circ}\text{C}$ | $DT=8\text{K}$ [SC2] | NH₃ pump

CO₂

2,8 kW - 129 kW

$t_{Li}=0^{\circ}\text{C}$ | $t_{Co}=8^{\circ}\text{C}$ | $DT=8\text{K}$ [SC₂] | Up to 60 bar

MEG

3,2 kW - 176 kW

$t_{Li}=5^{\circ}\text{C}$ | $t_{in}=-7^{\circ}\text{C}$ | $t_{out}=-4^{\circ}\text{C}$ | E-glycol 37%

HEAT EXCHANGER

- ▶ Coil block: Steel tubes & fins, hot dipped galvanized
- ▶ Tube System: Aligned - 22 mm o.d.
- ▶ Tube spacing: 60 x 60 mm
- ▶ Fin spacing [in mm]: 6,0 | 8,0 | 10,0 | 12,0 | 15,0

OPTIONS

- ▶ Hinged fans (only ceiling mounted)
- ▶ Polyester drip tray
- ▶ Insulated drip tray
- ▶ Anti-condensation heating in drip tray
- ▶ Insulated fan plates
- ▶ Feet for floor mounting (on bigger types as standard)
- ▶ Insulation disks

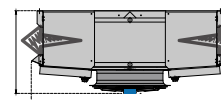
MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE	FAN GUARD
Aluminum			✓		
Steel hot dipped galvanized	☑	☑		☑	
Aluminum			✓		
Aluminum Almg			✓		
Steel sendzimir zinc-plated			☑		
Epoxy spray finishing (White)			✓		
Epoxy spray finishing (RAL 9005)					☑
Stainless Steel V2A (304), V4A (316)			✓		✓

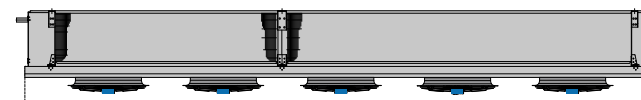
☑ Standard execution | ✓ Available as a variant

DIMENSIONS in [mm]

HEIGHT:
min. 550
max. 850



WIDTH:
min. 1.450 | max. 2.376



LENGTH:
min. 1.156 | max. 5.436