



Goedhart® DZS air coolers

CUSTOMIZED AIR COOLERS WORKING ROOMS (FEZN)



YOUR BENEFITS

- ▶ **Powerful when needed:**
High performance due to application-suited circuit design
- ▶ **Optimized heat exchanger geometry and an aerodynamically integrated fan system:** Higher specific power, reduced fan speed and air velocity through the coil and significantly reduced current consumption
- ▶ **Dual discharge air throw:** draw-through on request
- ▶ **For cooling application:** Specially suitable for cooling and working room applications
- ▶ **Long-term assurance:** highly efficient, ErP 2015 fans
- ▶ **Easily accessible and easy to clean components:**
Hinged drip trays, easy removable cover plates
- ▶ **Low height:**
The maximum space in the chill room can be utilised
- ▶ **Easy installation and maintenance:** Delivered on a wooden frame for easy mounting and the fans are mounted to the outside of the air cooler.

CAPACITY RANGE



3 kW - 139 kW

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



2,8 kW - 129 kW

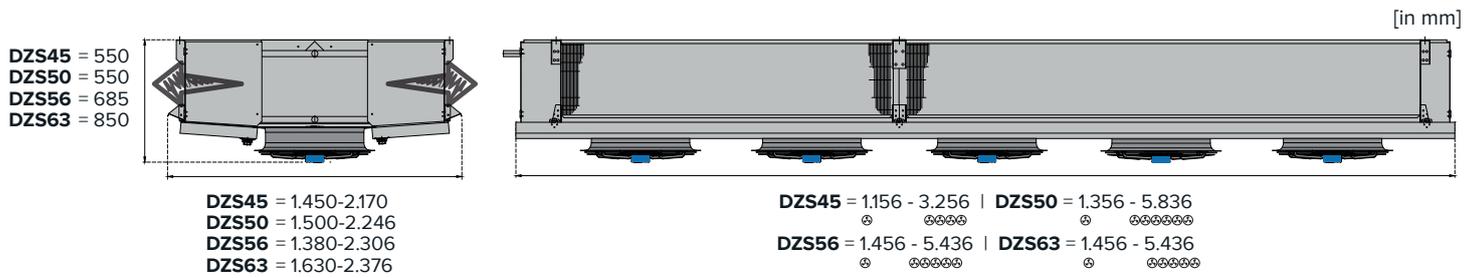
$t_{Li}=0^{\circ}\text{C} \mid t_o=-8^{\circ}\text{C} \mid \text{DT}=8\text{K} \mid \text{[SC2]}$

Coolant

3,2 kW - 176 kW

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

AIR DIRECTION & DIMENSIONS



FANS

▶ AC Technology		Ø 450 mm
▶ EC Technology		Ø 500 mm
▶ Rapid Cooling		Ø 560 mm
▶ Speed control		Ø 630 mm
▶ ATEX		
▶ 60 Hz		

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

DEFROST

DEFROST	FAN	COIL	DRIP TRAY
ELECTRIC	✓	✓	✓
HOT GAS		✓	✓
WATER		✓	✓
SECONDAIR CIRCUITING			

VARIANTS & ACCESSORIES

- ▶ Hinged fans (only ceiling mounted)
- ▶ Polyester driptray
- ▶ 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)			✓		✓
Stainless Steel V4A (316)			✓		

☑ Standard execution | ✓ Available as a variant

NOTE

With our product selection software **Goedhart selection program**, 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.