



## Kelvion DR-Radion air coolers

# CUSTOMIZED AIR COOLERS HIGHLY EFFICIENT (STST/AL)



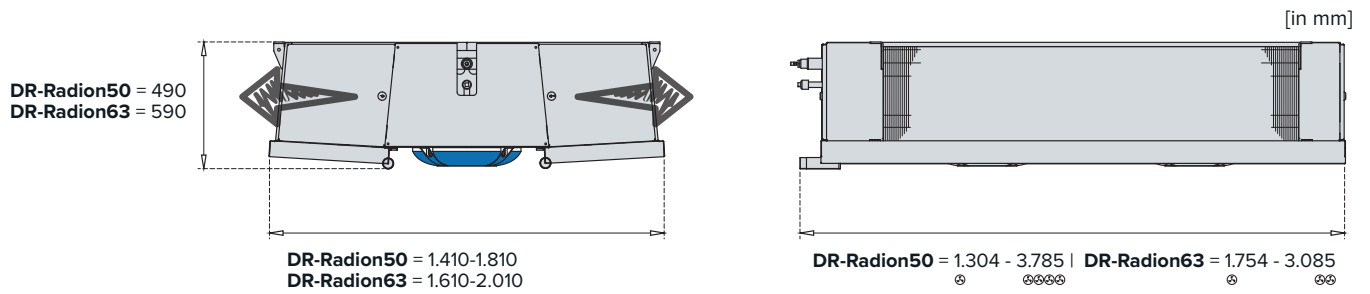
## YOUR BENEFITS

- ▶ **Kelvion DR-Radion** is a **new customized range**. **Radial fans** are used for an optimum airflow and evenly divided airflow over the heat exchanger
- ▶ **Reliability, according customer expectation:** Best performance by optimizing circuiting for design conditions
- ▶ **Improved drip tray construction:** preventing splash out of moisture from the air cooler
- ▶ **Newest fan technology used:** Latest radial fan technology with perfectly matched components, extremely quiet running with optimized impeller air flow, ERP conformity, high corrosion resistance, mechanical compatibility of EC-technology
- ▶ **Low height:** The compact build air cooler design gives an efficient use of the cold room space
- ▶ **Enable easy access and simple to clean**  
Simple to clean by easy and full access to the interior
- ▶ **Best price/capacity ratio possible:**  
Optimized coil block configuration for a better heat transfer
- ▶ **Low noise** for comfortable working conditions
- ▶ **Pleasing design**

## CAPACITY RANGE

**7 kW - 71 kW**
 $t_{Li}=0^{\circ}\text{C} \mid t_o=-8^{\circ}\text{C} \mid \text{DT}=8\text{K} \text{ [SC2]} \mid \text{NH3 pump}$ 
**8 kW - 63 kW**
 $t_{Li}=0^{\circ}\text{C} \mid t_o=-8^{\circ}\text{C} \mid \text{DT}=8\text{K} \text{ [SC2]} \mid \text{Up to 60 bar}$ 
**Coolant**
**9 kW - 97 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

- ▶ EC Technology
- ▶ Speed control
- ▶ 60 Hz

Ø 500 mm  
Ø 630 mm

## HEAT EXCHANGER

- ▶ **Coil block:** Stainless steel tubes | Aluminium fins
- ▶ **Tube System:** Aligned - 15 mm o.d.
- ▶ **Tube spacing:** 50 x 50 mm
- ▶ **Fin spacing:** [in mm]  
4,0 | 7,0

## DEFROST

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

## VARIANTS & ACCESSORIES

- ▶ Duct connection
- ▶ Polyester driptray
- ▶ Insulated drip tray
- ▶ Refrigerant connections to the top
- ▶ Fan cabling including isolator switches
- ▶ Anti-condensation heating in drip tray
- ▶ UVC disinfection system
- ▶ Insulated fan plates

## MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE	FAN GUARD
Aluminum		☑	✓	☑	
Aluminum Goldlack coating		✓			
Aluminum Almg		✓	✓	✓	
Steel sendzimir zinc-plated			☑		
Epoxy spray finishing (White)			☑		
Plastic (Black)					☑
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.