



Kelvion DV-Radion air coolers

CUSTOMIZED AIR COOLERS HIGHLY EFFICIENT (CU/AL)



YOUR BENEFITS

- ▶ **Kelvion DV-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:**
Internally enhanced copper tubes for a better heat transfer
- ▶ **Low noise** for comfortable working conditions
- ▶ **Pleasing design**

CAPACITY RANGE

HFO/HFK **7 kW - 65 kW**

$t_{Li}=0^{\circ}\text{C} \mid t_o=-8^{\circ}\text{C} \mid \text{DT}=8\text{K} \mid [\text{SC2}] \mid \text{R404A}$



8 kW - 63 kW

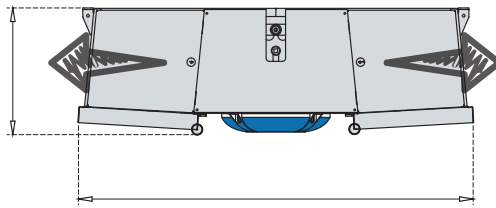
$t_{Li}=0^{\circ}\text{C} \mid t_o=-8^{\circ}\text{C} \mid \text{DT}=8\text{K} \mid [\text{SC2}] \mid \text{Up to 60 bar}$

Coolant **9 kW - 97 kW**

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

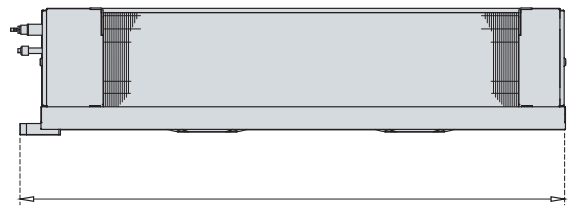
AIR DIRECTION & DIMENSIONS

DV-Radion50 = 490
DV-Radion63 = 590



DV-Radion50 = 1.410-1.810
DV-Radion63 = 1.610-2.010

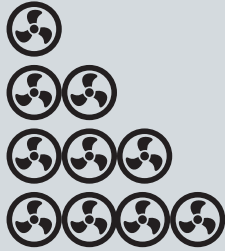
[in mm]



DV-Radion50 = 1.304 - 3.785 | DV-Radion63 = 1.754 - 3.085

FANS

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



Ø 500 mm
Ø 630 mm

HEAT EXCHANGER

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

DEFROST

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

VARIANTS & ACCESSORIES

- ▶ Duct connection
- ▶ Polyester drip tray
- ▶ 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
- ▶ Up to 60 bar with CO₂

MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE	FAN GUARD
Aluminum		☑	✓	☑	
Copper	☑				
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.