



Goedhart® VRS air coolers

CUSTOMIZED AIR COOLERS COMPLETE STAINLESS STEEL



YOUR BENEFITS

- ▶ **Powerful when needed:**
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
- ▶ **Variable air direction** of all fan variants – blow-through as draw-through
- ▶ **Higher corrosion resistance** than most of the other used materials useful in cheese storages, special bakery areas, chocolate processing and sausage preparation
- ▶ **Long-term assurance:** ErP 2015 fans, increased lifetime in aggressive environments, higher resistance against cleaning chemicals in the food industry (HACCP)
- ▶ **Easily accessible and easy to clean components:**
Hinged drip tray prepared, easy removable cover plates
- ▶ **Easy installation:** Delivered on a wooden frame for easy mounting
- ▶ **Customize** the air cooler with many available options and accessories

CAPACITY RANGE



5 kW - 55 kW

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



4 kW - 44 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

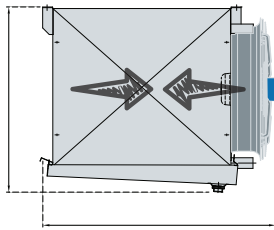
6 kW - 70 kW

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

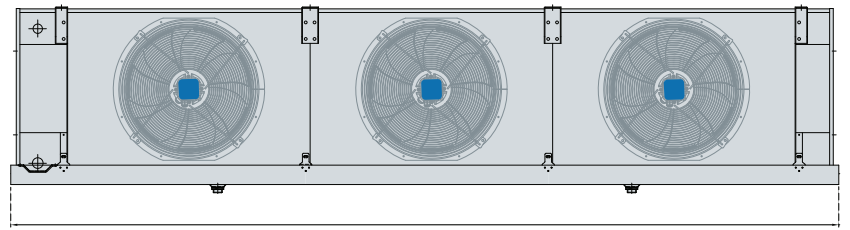
AIR DIRECTION & DIMENSIONS

[in mm]

VRS50 = 790
VRS63 = 1.080



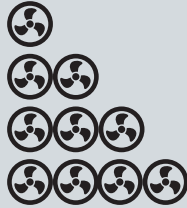
VRS50 = 790-980
VRS63 = 840-1.040



VRS50 = 1.456 - 4.456 | VRS63 = 1.656 - 5.256

FANS

- ▶ AC Technology
- ▶ EC Technology
- ▶ Rapid Cooling
- ▶ Deep Freezing
- ▶ ATEX
- ▶ 60 Hz



Ø 500 mm
Ø 630 mm

HEAT EXCHANGER

- ▶ **Coil block:** Stainless steel tubes and 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		✓	✓
SECUNDAIR CIRCUITING		✓	

VARIANTS & ACCESSORIES

- ▶ Defrost sock (Adapter connection, integrated) -draw
- ▶ Air throw streamer -draw
- ▶ Diffusor (with air operated damper) -blow
- ▶ Hinged fans and/or driptray
- ▶ Polyester driptray
- ▶ Suction hood fan side (-blow) or fin side (-draw)
- ▶ Insulated drip tray (with anti-condensation heating)
- ▶ Feet for floor mounting and insulation disks

MATERIALS

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