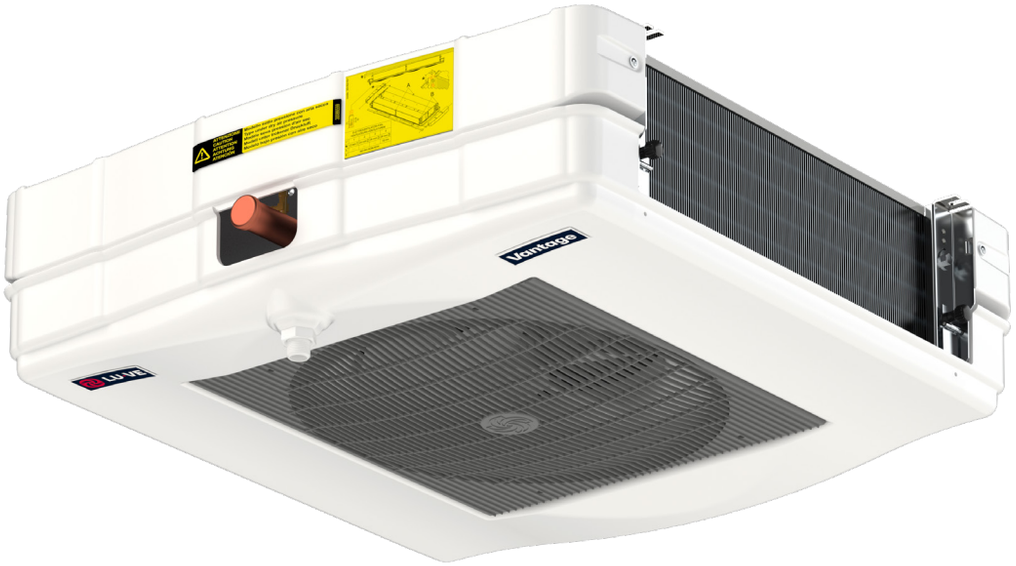
Vantage FHD
High Performance Dual Discharge Air coolers



Top Advantages

- Ideal for refrigerated working and processing rooms - low air velocity and noise level.
- Reliable performance - Eurovent certified, independently tested.
- Extremely low internal volume - reducing refrigerant charge
- Easy-access, easy-clean – fully accessible casing

General information and application

Dual discharge commercial air coolers designed to combine comfort conditions with reliable product conservation in small to medium-sized cooling, freezing and working rooms. Low air velocity and low noise make Vantage FHD especially suitable for refrigerated working and processing rooms.

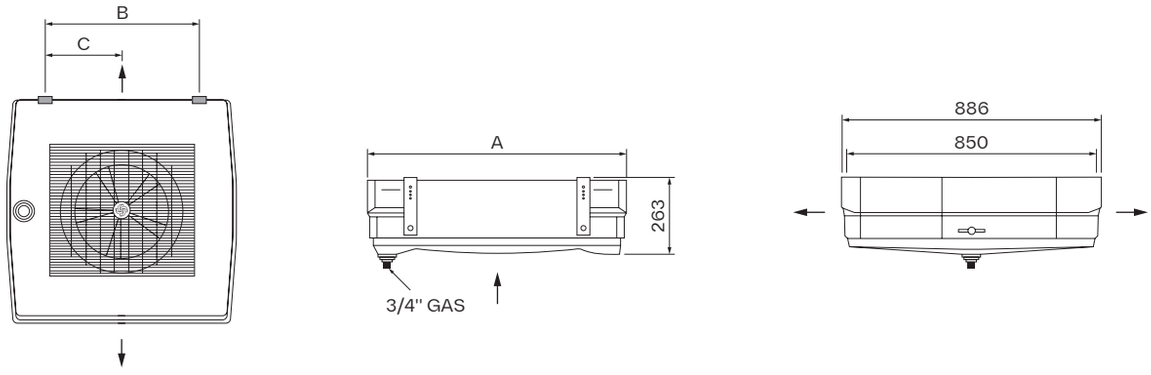
Refrigerants	HFC, CO_2, Brine
Capacities (SC2 with R404)	1.5 up to 14.6 kW
Air quantity	1,400 up to 8,000 m^3/h

Standard configuration

- Dual discharge configuration, with fans blowing through coils.
- Copper tubes with **TURBOFIN** aluminium fins. Multiple fin spacing options (3 up to 7 mm).
- Dual speed EC fan motors with 350 mm diameter, 1 to 4 fans per unit. 0-10 V control input available as optional.
- New **Safeshell** reinforced synthetic casing: highly resistant, dismountable and openable for cleaning and inspection.

Scan for more information

Dimensions



No. fans	Dimensions (mm)		
	A	B	C
1	888	596	-
2	1,443	1,151	-
3	1,998	1,706	-
4	2,553	2,261	1,130

Options

- Electric defrost in coil (E)
- EC fan motor with 0–10 V control input (0-10)
- Coil corrosion protection: Alupaint (AP)
- Threaded connections for brine units

Selection

Selection and pricing is to be performed with our online air heat exchanger selection software Plair.
Selection output includes all relevant technical data and dimensional drawings.

Certifications

The LUVE quality system is in accordance with ISO 9001.
All products are manufactured according to PED regulations.
LUVE participates in the ECP program for HE.
Check ongoing validity of certificate:
www.eurovent-certification.com

Brine refrigerant is not covered by Eurovent certification

Design pressure

Refrigerant	Max working pressure (bar)
HFC*	24
CO_2	60**
Brine	10

Fluid group 2 according to EN 378; ** 85 bar in special execution

Each heat exchanger is leak tested with dry air and finally supplied with a dry air pre-charge. Fitted with schräder valve on the suction connection for testing purposes (for FHDE, FHDX and FHDW with welded connections).

Code description

FHD	*	711	N	4	*	*
1	2	3	4	5	6	7

1. Vantage FHD dual discharge air coolers
2. Refrigerant system (blank=HFC, W=brine, in case of CO2 see pos. 6)
3. Model type
4. Defrost system (N=air defrost, E=electric defrost)
5. Fin spacing (3=3.0, 4=4.5, 7=7.0 mm)
6. Application (CO2 DX=direct expansion for CO_2)
7. Circuit code - only for brine units