

Arctigo HRCD

Banana ripening cooler – Airbag / side curtain system

General information & application

Banana ripening coolers Arctigo HRCD have been designed for application in airbag & side curtain system banana ripening rooms. The coolers have been optimised for 12.5 °C air-on and 11.5 °C air-off temperature at an evaporating temperature of 7 °C.

Arctigo HRCD air coolers provide for an even temperature distribution throughout the whole ripening room, guaranteeing that the products are ripened as evenly as possible.

Evaporating temperature	7 °C (optimised)
Refrigerants	all HFO/HFC, brine, CO ₂
Capacities (SC2)	8 up to 38 kW
Banana rooms	6 to 30 pallets

Standard configuration

- Finned coil
 - Cu ripple fin tubing ø 5/8" (smooth tubing for brine)
 - Tube pitch 50 x 50 mm square
 - Corrugated Alu-fins
- 3-5 Fans 400/50/3, Ø 508 and 550 mm.
Cables are led to the outside of the casing.
Enclosed design spray-tight fan motors, protection class IP55. Motors are equipped with a thermal safety device in the windings, connected to separate terminals in the box.
- Lighting integrated into the cooler casing
- Heater elements



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- Corrosion resistant casing material:
Aluminium/Sendzimir, white epoxy coated (RAL 9002).
- Hinged driptrays
- Fitted with schröder valve on the suction connection for testing purposes (excl. brine)
- Sufficient room for fitting the expansion valve inside.
- Suitable for dry expansion or pumped system
- Stickers indicate fan direction and refrigerant in/out
- Delivery in mounting position. Coolers are mounted on wooden beams. Installation can take place with use of a forklift.

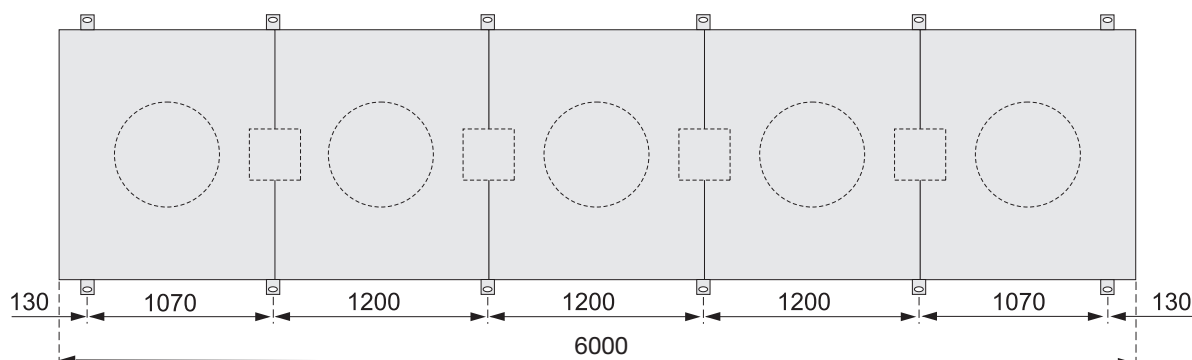
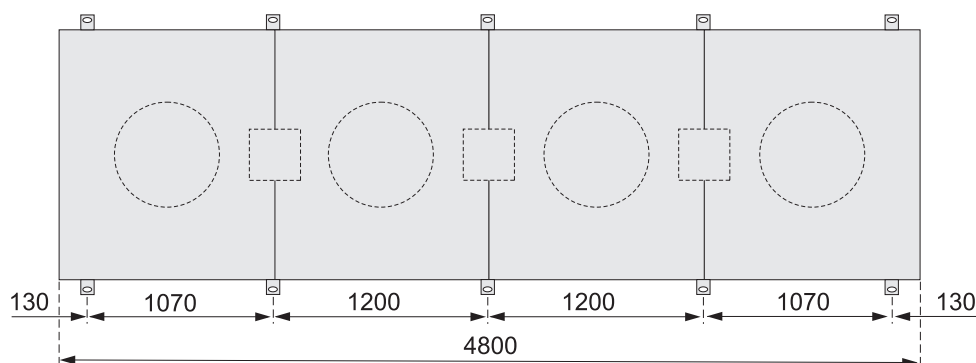
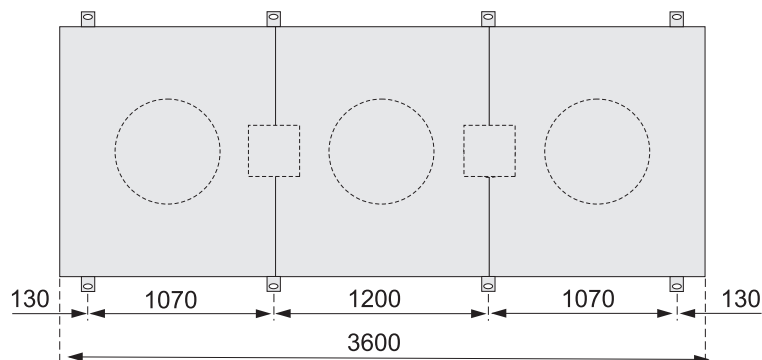
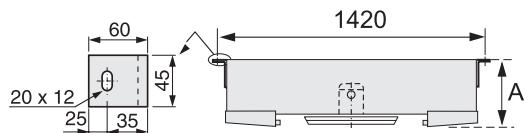


Airbag system ripening room

Design pressure

Design pressure 33 bar (HFO/HFC) or 10 bar (brine). Each heat exchanger is leak tested with dry air and finally supplied with a nitrogen pre-charge.

Please contact our sales organisation for selection and full technical details.



HRCD model	nr. of fans	pallet layers	nr. of pallets	dim. A mm
06-I	3	1	3 x 2 = 6	350
08-I	4	1	4 x 2 = 8	350
10-I	5	1	5 x 2 = 10	350
12-II	3	2	3 x 4 = 12	600
16-II	4	2	4 x 4 = 16	600
20-II	5	2	5 x 4 = 20	600
18-III	3	3	3 x 6 = 18	850
24-III	4	3	4 x 6 = 24	850
30-III	5	3	5 x 6 = 30	850

Code description

HRCD	24	III
1	2	3

- Banana ripening cooler airbag/side curtain system
- Maximum number of pallets in ripening room
- Number of pallet layers

Benefits

- Application based air cooler design
- Full control over the ripening process resulting in perfect product quality
- Heavy duty coil & casing materials
- Reliable performance
- Easy-install
- Energy efficient
- Low total cost of ownership
- Two-year product guarantee
- Easy access to additional on-line product information (QR code)



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How to contact Alfa LU-VE

Up-to-date Alfa LU-VE contact details for all countries are always available on our website at alfa.luvegroup.com

