



Banana ripening cooler

CE-BRC

5 – 47 kW

Banana rooms 1 to 3 pallet layers

Banana rooms 4 to 36 pallets



Cantek Enerji San. ve Tic. A. Ş.

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1 - General description

Wide range of banana ripening air coolers designed for application in airbag and side curtain system ripening rooms. Thanks the fan motors with high additional static pressure and the optional reversible fan motors the Cantek ripening CE-BRC evaporators and CE-BRC air coolers provide uniform air and temperature distribution in the whole banana ripening room.

This series of air coolers is available for all refrigerant fluids:

- Direct expansion evaporators
- Air coolers for brine

The Cantek banana ripening coolers are suitable for rooms:

- Pallet layers 1, 2 and 3
- Number of pallets from 4 to 36 pallets

2 - Main product features

- Lighting integrated in the air cooler.
- Air heating with electric heaters.
- Easy service for heaters replacing because every fan motor has a dedicated heater.
- Hinged fan panels for easy access to fan motors.
- Easy wiring and air cooler connection to the plant from the ceiling of the cold room.
- Fast installation thanks drip trays with horizontal drain outlets on both sides of air cooler connecting side by side the air coolers.
- Units suitable as direct expansion evaporators or pumped variant
- Air coolers delivered in mounting position.

3 - Heat exchanger

- Fin spacing: 4,5 or 5,0mm
- Tubes material: Copper or stainless steel
- Fins material: Aluminum
- The heat exchanger is equipped with suspending tubes system that avoid the contact between tubes and frame. It provides full production of the heat exchanger against vibration and thermal expansion.
- The evaporators are tested at 33 bar, while the glycol air coolers are tested at 15 bar.
- The evaporators are supplied with 2 bar over pressure charge of dry nitrogen.

4 - Fans

- Power input 400V / 3ph / 50hz
- Protection class IP55
- Motors equipped with thermal safety devise and controllable by inverter.
- As option, available 100% reversible fans

5 - Ordering

- CE-BRC: Evaporators & Glycol air cooler
- Fan diameter (mm)
- Number fans
- Coil size
- Fin spacing

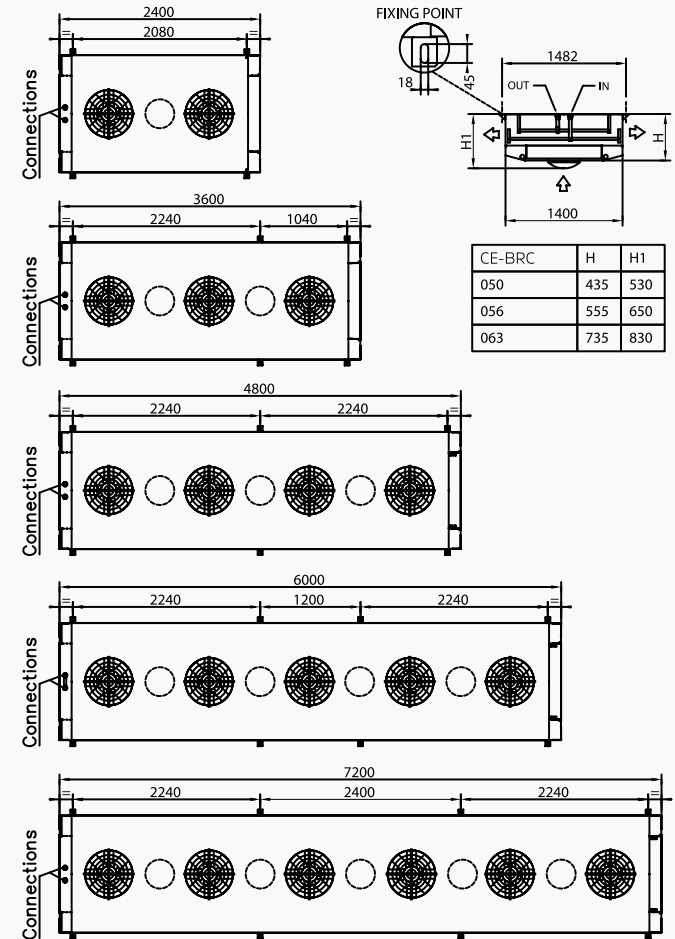
CE-BRC	050	3	C	45
1	2	3	4	5

Model	Pallet layers	Nbr pallets	Capacity R404A KW	Air volume at 100 Pa m³/h	Surface m²	Lighting W	Heating W	Fans N x D	Fans Power W
CE-BRC 0502B45	1	2 x 2 = 4	5,0	9000	53	1 x 36	2 x 0,5	2 x 500	370
CE-BRC 0503B45	1	3 x 2 = 6	7,5	13500	84	2 x 36	3 x 0,5	3 x 500	370
CE-BRC 0504B45	1	4 x 2 = 8	10,1	18000	116	2 x 36	4 x 0,5	4 x 500	370
CE-BRC 0505B45	1	5 x 2 = 10	12,7	22500	146	2 x 36	5 x 0,5	5 x 500	370
CE-BRC 0506B45	1	6 x 2 = 12	15,5	27000	177	3 x 36	6 x 0,5	6 x 500	370
CE-BRC 0562C50	2	2 x 4 = 8	9,9	19400	107	1 x 36	2 x 0,5	2 x 560	750
CE-BRC 0563C50	2	3 x 4 = 12	15,4	29100	171	2 x 36	3 x 0,5	3 x 560	750
CE-BRC 0564C50	2	4 x 4 = 16	20,9	38800	232	3 x 36	4 x 0,5	4 x 560	750
CE-BRC 0565C50	2	5 x 4 = 20	26,2	48500	297	4 x 36	5 x 0,5	5 x 560	750
CE-BRC 0566C50	2	6 x 4 = 24	31,3	58200	359	4 x 36	6 x 0,5	6 x 560	750
CE-BRC 0632C50	3	2 x 6 = 12	14,6	26400	161	1 x 36	2 x 0,5	2 x 630	1500
CE-BRC 0633C50	3	3 x 6 = 18	23,1	40400	255	2 x 36	3 x 0,5	3 x 630	1500
CE-BRC 0634C50	3	4 x 6 = 24	31,5	54200	350	3 x 36	4 x 0,5	4 x 630	1500
CE-BRC 0635C50	3	5 x 6 = 30	38,1	67900	445	4 x 36	5 x 0,5	5 x 630	1500
CE-BRC 0636C50	3	6 x 6 = 36	47,4	81800	539	5 x 36	6 x 0,5	6 x 630	1500

Air temp. IN 12,5°C, Air temp. OUT 11,5°C, Evap. Temp. 7°C

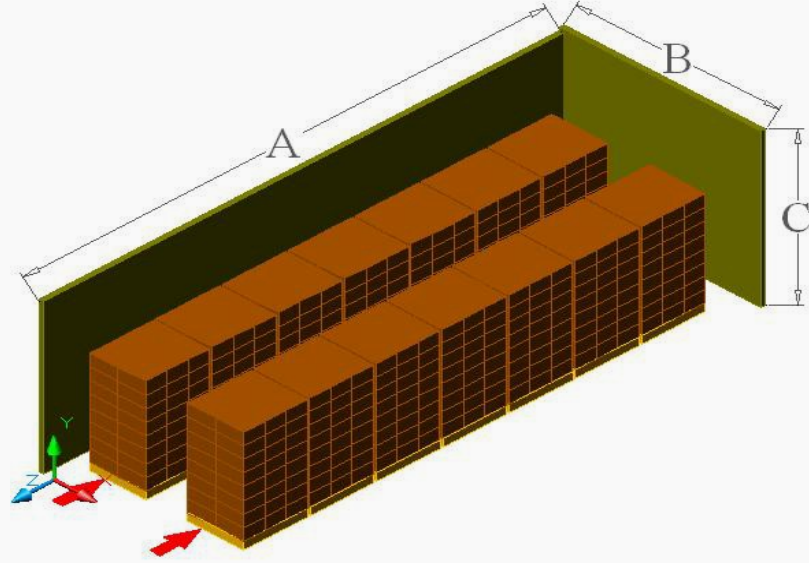
6 - Guarantee

The products are guaranteed for a period of 2 years from delivery date against any construction defect. Damage caused by normal wear, corrosion, faulty assembly or maintenance are excluded. The part in question shall be supplied ex-factory Cantek and the forwarding costs and assembly expenses shall be entirely borne by the customer. The guarantee shall not cover the cost of labor in replacing the components and/or products and their transport.



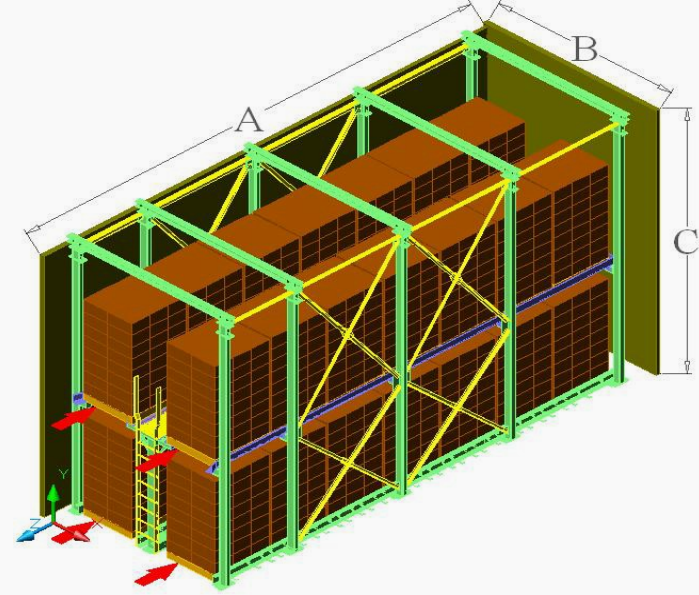
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Tek Katlı

PALET	KUTU	EBAT		
		A(m)	B(m)	C(m)
10	480	7.44	3.34	3.40
12	576	8.76	3.34	3.40
14	672	9.99	3.34	3.40
16	768	11.22	3.34	3.40
18	684	12.45	3.34	3.40
20	960	13.68	3.34	3.40
22	1056	14.91	3.34	3.40
24	1152	16.41	3.34	3.40



Çift Katlı

PALET	KUTU	EBAT		
		A(m)	B(m)	C(m)
12	576	5.67	3.64	5.72
16	768	6.55	3.64	5.72
20	960	7.78	3.64	5.72
24	1152	9.01	3.64	5.72
48	2304	16.40	3.64	5.72

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