



HAARSLEV™

Processing Technology

AIR-COOLED CONDENSER

Product brochure



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FOR CONDENSING VAPORS FROM COOKING OR DRYING MEAT OR FISH BY-PRODUCTS, USING AIR AS THE COOLING MEDIUM.

The Haarslev Air-cooled Condenser uses a flow of air to condense vapors from cooking or drying fish or meat by-products to help ensure effective odor reduction.

Multiple fans – each driven by an energy-efficient electric motor – blow ambient air through a bundle of tubes. The temperature difference makes the hot vapors condense, making it easy to remove the non-condensable gases that cause undesirable odors – usually consisting of volatile organic compounds (VOCs).

These air-cooled condensers are also available in twin-pass configurations in which vapors condense in one direction, and then perform cooling duties while returning in the other direction. This provides maximum thermal efficiency.

APPLICABLE FOR:



- After cookers or dryers in plants that process meat or fish by-products
- In conjunction with shell-and-tube condenser for exceptionally effective heat recovery

BENEFITS

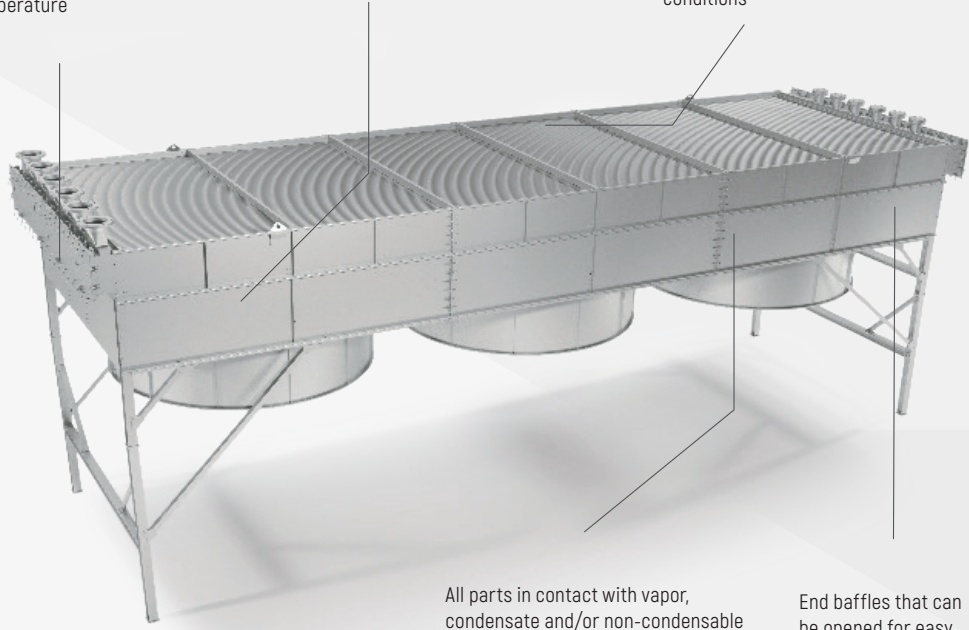
- Low-noise solution that is easy to mount outside a building – on the roof, for example
- No water consumption
- Low-maintenance reliability
- Low operating costs
- Automated operation available to maximize energy-efficiency

HOT GASES AND VAPORS FROM COOKERS AND DRYERS

Condensed vapor normally exits at approx. 15°C above ambient temperature

Large-diameter stainless steel condenser tubes

Optional Louvres can be fitted on top, for easy use in winter conditions



All parts in contact with vapor, condensate and/or non-condensable gases made of corrosion-resistant stainless steel

End baffles that can be opened for easy inspection and cleaning

NON-CONDENSABLE GASES AND CONDENSED WATER VAPOR (OR OTHER LIQUID CONDENSATE)

TECHNICAL SPECIFICATIONS

TYPE	CONDENSING CAPACITY* (kg/h)	DIMENSIONS (mm)			POWER/MOTOR (kW)	WEIGHT (kg)
		Length (L)	Width (W)	Height (H)		
ACV015	900	3,050	1,800	3,950	1 x 7.5	2,200
ACV021	1,300	4,450	1,800	4,020	2 x 5.5	2,500
ACV030	1,800	4,450	2,300	4,020	2 x 7.5	2,800
ACV034	2,000	4,450	2,300	4,020	2 x 7.5	3,400
ACV042	2,500	6,400	2,300	4,080	3 x 5.5	4,600
ACV055	3,300	6,400	2,300	4,080	3 x 11	4,800
ACV072	4,300	8,350	2,300	4,150	4 x 11	5,700
ACV090	5,400	10,300	2,300	4,200	5 x 11	7,000
HM3000	3,000	5,590	3,100	4,150	2 x 11	5,700
HM5000	5,000	9,000	3,100	4,150	3 x 11	8,500
HM7000	7,000	10,600	3,100	4,150	4 x 11	11,300

*] Condensing and subcooling to 15 °C above ambient temperature.

We reserve the right to alter the specifications at any time without prior notice.



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MASTER YOUR PROCESS

HEAD OFFICE

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