

Ceiling evaporators°

→→→ Industry Series

Ceiling evaporators/air coolers – Industry Series

Application	Refriger-ation					Air condi-tioning	
	Industry						
Design	IEHR	IEHRS	IEHRSCO2	IEHSA	IEHGA	IAHB	IAHBS
Geometry	in-line						
Power range	50-200 kW			40-60 kW		20-90kW	
Fin spacing	4, 7, 10, 12, 8-16				5, 8, 12	4, 7, 10, 12, 6-12, 8-16	
Medium	HFKW		CO ₂	NH ₃		brine, glycol	
Pipe material	Cu		stainless steel		zinc-plated	Cu	stainless steel
Fin material	aluminium, epoxy, AlMg ₃ , stainless steel				zinc-plated	aluminium, epoxy, AlMg ₃ , stainless steel	
Air alignment	horizontal one-sided						



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Details

In-line pipe configuration

Defrosting:

- Defrost flaps
- Electric, hot gas, brine or water

Air circulation:

Targeted air circulation for cooling of specific areas

Hygiene:

Folding components allow easy access for cleaning the device from the inside.

Construction:

- Different housing heights
- Welded condensate drains
- Housing FeZn
- Tray AlMg₃
- Powder coated in RAL 9010, cut edges painted



Optional accessories

- Downstream heating register (electric or heat exchanger)
- Fan heating ring
- Double and insulated tray
- Defrost flap
- Shut up with air intake hoods
- Air intake/exhaust hoods
- Mounting feet
- Insulated end sheaths
- Folding fans
- Streamers (guide wheel/jet nozzle)
- Air hose connections
- Repair switch, wired to fan
- EC fans
- DoD (Defrost on Demand) controls
- Housing: stainless steel or AlMg₃
- Special fin spacing
- Side cover with hinge and quick release



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→→→ Evaporators/air coolers for commercial operation

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Evaporators/air coolers

Application	Refrigeration						
	Industry						
Design	CH	CHSS	CHSA	CHSSCO2	CHCO2	BCH	BCHSS
Geometry	offset						
Power range	0.5-60 kW						
Fin spacing	4, 7						
Medium	HKFW		NH ₃	CO ₂		glycol, brine	
Pipe material	Cu	stainless steel			Cu		stainless steel
Fin material	aluminium, epoxy, AlMg ₃ , stainless steel						
Air alignment	horizontal one-sided						



Details

Pipe configuration:

Offset

Air circulation:

Suction

Defrosting: E

Electric, hot gas or brine

Hygiene:

Foldable trays, bypass and fan plates provide easy access for cleaning the devices from the inside

Construction:

- Welded condensate drains
- Ceiling suspension with slotted hole
- Unit dimensions optimised for transport and storage
- No condensation in exterior areas due to thermally decoupled drip tray
- Housing made of aluminium or AlMg₃, powder coated in RAL 9010, cut edges painted



Optional accessories

- Fan heating ring
- Double and insulated tray
- Mounting feet
- Folding fans
- Streamers (guide wheel/jet nozzle)
- Air hose connection
- Repair switch, wired to fan
- EC fans
- DoD (Defrost on Demand) control
- Stainless steel housing
- Side cover with hinge and quick release
- Special fins

