

# AIA

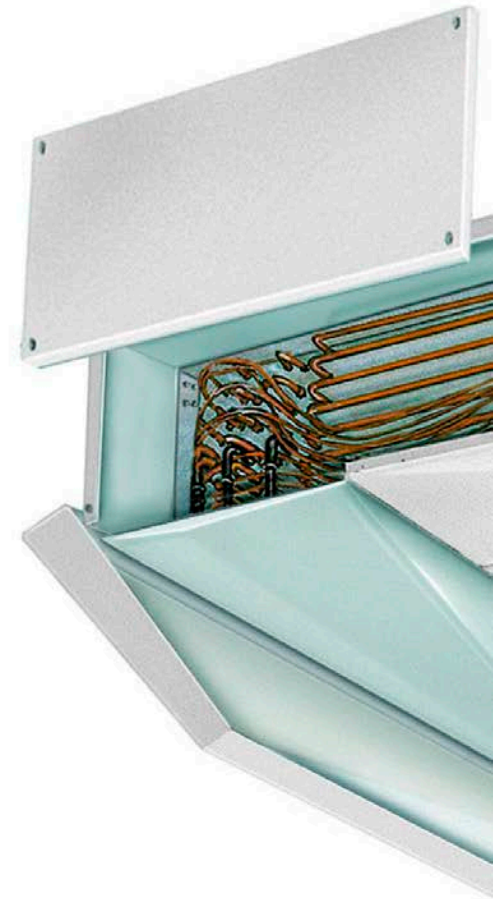
## CDX/CDB

Dual Discharge Unit and Air Coolers  
Capacity Range 8 to 125 kW

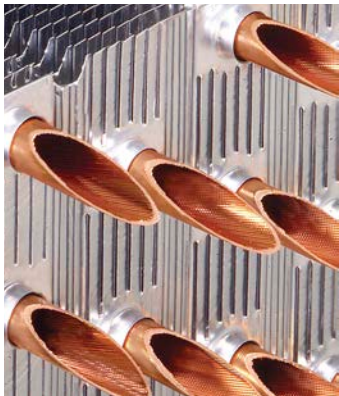


ISO 9001

**AIA CDX/CDB is a dual-discharge high-performance unit and air cooler series for cold rooms in industrial and commercial applications. The series consists of 112 models from 8,6 to 125,1 kW and are used in applications with all existing cooling medias and refrigerants (DX) also including CO2 and Ammonia. The series is available in a low-noise and low-energy model and also a slim model with buliding height 395 mm.**



**Turbocoil® Heat Exchanger**



The combination of long experience and many hours in our laboratory has resulted in the unique Turbocoil® Heat Exchanger. Inner-grooved Copper tubes combined with high-efficiency turbolated Aluminum fins in an optimized configuration ensure an outstanding cost contra performance ratio. The CDX/CDB series is equipped with Turbofin® 3.

**Fans**

AIA CDX/CDB series is equipped with the latest versions of electrical fans. Lubricated-for-life and internal thermal protection ensure long life time. The fans are all individually perfectly balanced both statically and dynamically. They are available in diameters 450 and 630 mm. EC fans are available on request.

**Fan Shroud and Guard Grille**

The fan shroud and guard grille are designed to give an optimized air flow, high safety and a smooth look.

**High-Quality Steel Casing in C4**

The casing is made from galvanized Steel with a powder coating of Epoxy-Polyester fulfilling corrosion class C4. This makes it very resistant against corrosion and also very easy to keep clean.

**Refrigerants**

All existing glycol mixtures, HFC, Ammonia and CO2 (39 bar).

**Defrosting**

Many options are available for defrosting in different applications and room temperatures:

- > +2°C Air defrost (N)
- > -35°C Electric defrost (E)
- > -35°C Hot gas defrost in heat exchanger and electric in drip tray (G)
- > -35°C Hot gas defrost in both heat exchanger and drip tray (GB)



### Fin Pitches

Several different fin pitches are available for different applications:

Cold rooms: 4,5 6,0 7,5 and 10,0 mm

Freezing rooms: 7,5 and 10,0 mm

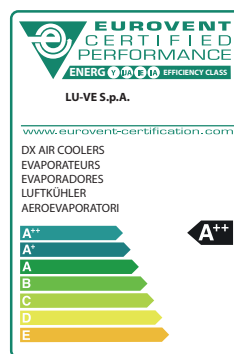
### Customization

AIA CDX/CDB series can be customized in many different ways, for example:

- EC fans
- Protected Aluminum fins
- Copper fins
- Stainless steel tubes
- Stainless steel casing
- Hinged fan shroud
- Safety switcher
- Fans connected to junction box
- Special electric motors
- Insulated drip trays
- Electric heaters, hot gas or hot water for air reheat



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### Guaranteed Quality and Performance

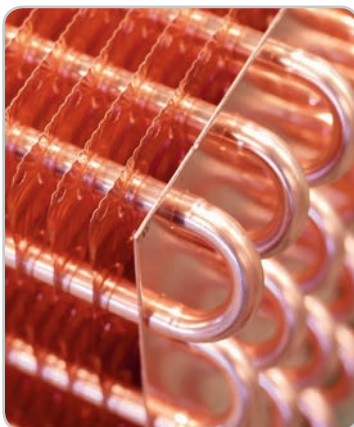
All products delivered by AIA fulfill very high demands set by our customers. This is guaranteed by Eurovent's Certify-All programme, quality certification according to ISO9001 and Energy Management System according to EN16001:2009. All this ensures that our high quality and performance reach our customers.

### AIACalc – Best Dimensioning Software

AIACalc is the most comprehensive, easy-to-use and reliable dimensioning software on the market. Please use AIACalc to choose your best solution for your unique application or contact your local AIA sales representative.

[www.aia.se](http://www.aia.se)

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