

# NEX 27, 30, 35

# AIA

Cooling Your Daily Life®

Commercial  
Unit Coolers & Air Coolers

Capacity Range 1,5 – 24 kW



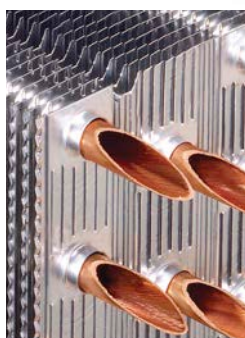
NEX 27



NEX 30  
NEX 35



AIA NEX 27, 30 and 35 are high performance unit and air cooler series for cold and freezing rooms. The series are available in 63 models in the power range from 1,5 to 24 kW and with several different fin pitches. AIA NEX is equipped as standard with high-performance and power-saving EC fans. The series are used in applications for all types of glycol mixtures, HFC and CO<sub>2</sub> (40, 60 and 85 bars). The fans can be connected in different speeds for normal and low (silent) mode.



#### ***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 NEX 27, 30, 35 series are equipped with Turbofin® 2.

#### ***EC Fans, High Efficiency and Low Noise***

The AIA NEX series are equipped with the latest versions of EC fans. The operation of the EC fan is perfectly adjusted to optimize high performance with low energy consumption and low noise. Embedded safety functions like thermal protection guarantees long life time. The fans can be connected in different speed modes: NEX 27 in 1420 rpm, NEX 30 in 900 or 1300 rpm and NEX 35 in 950 or 1450 rpm. The fans are made of high-quality composite material and are all individually perfectly balanced both statically and dynamically. IP44 ensures stable operation also in hard environments. AC fans are available on request.

#### ***JETSTREAMER***

The special profile of the JETSTREAMER® grille is the result of many years of studies undertaken in our R&D laboratories. It combines innovative design with a notable increase in air throw and air quantity, especially with frost on the fins. The new fan shroud and air directional grills are designed to obtain a homogeneous airflow along with a long air throw. JETSTREAMER® conforms to the strictest of safety norms.

#### ***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 and CO<sub>2</sub> (40, 60 and 85 bar).

#### ***Defrosting***

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

> +2°C Air defrost (N)

> -35°C Electric defrost (E)

Fan shroud heaters





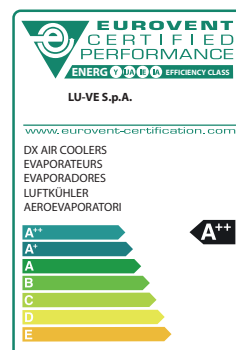
### Fin Pitches

Several different fin pitches are available for different applications:  
Cold rooms: 4,5 and 6,0 mm  
Freezing rooms: 7,0 and 9,0 mm

### Customization

AIA NEX series can be customized in many different ways, for example:

- Protected Aluminum fins
- Copper fins
- Stainless steel tubes
- Hinged fan shroud
- Special electric motors
- Insulated drip trays



### 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.

### Ordering example

