

# Ventilated Unit Solutions

FOR THE HVACR  
INDUSTRY



**enex technologies**  
cooling and heating naturally

## CO<sub>2</sub> Evaporators

Enex Technologies' **CO<sub>2</sub> evaporators** cover all the needs related to the **maximum achievable pressures** and the specifications related to CO<sub>2</sub> system design in terms of thermodynamic performance and frame conformation, so that they can be **perfectly integrated** into the customer's machine or system.

## HFC-HFO Evaporators

Enex Technologies' **evaporators** are compatible with all design requirements from the current **low-GWP refrigerants** available today. They are made according to customer specifications in terms of thermodynamic, structural and frame conformation performance, so that they can be **perfectly integrated** into the customer's machine or system.

## Brine Coolers

Enex Technologies' **Brine Coolers** are installed inside **cold rooms**, **process** rooms and **refrigerated cabinets**. Multiple configurations allow adaptation to different applications, available spaces and layouts. The use of a mixture of **water and glycol** as a carrier fluid provides an excellent alternative to more traditional refrigeration cycle systems, and by following the design logic of a traditional cooling coil exchanger, temperatures and cooling capacities suitable for the refrigeration sector can be obtained.

## NH<sub>3</sub> Evaporators

Enex Technologies' **NH<sub>3</sub> Evaporators** are manufactured with **stainless steel tubes** and aluminum fins (as standard). Most ranges are delivered pressurized and with Schrader valves. They can be customized with hot gas defrost tray (with check valve installed), water defrosting, electric defrosting in coil and/or tray, mixed defrosting, heating rings on fans, special engines, fan-powered motors for ESP greater than 200 Pa, mixed flap steps, epoxy protected sheets and stainless steel casing.



## CO<sub>2</sub> Gas coolers

Enex Technologies' **CO<sub>2</sub> Gas Coolers** offer high efficiency, low energy consumption, and low sound levels, making them the **reliable and environmentally sustainable** cooling solutions for **industrial** and **commercial** applications. Ready for use in transcritical installations, with more than 500 models available in cooling capacities **between 15 and 900 KW**, our CO<sub>2</sub> gas cooler units allow for optimal integration in all new generation CO<sub>2</sub> refrigeration systems installed even in high ambient temperature conditions.

## HFC-HFO Condensers

Enex Technologies' **condensers** are compatible with all the design requirements of the current **low-GWP HFC and HFO refrigerants** available today. They are made according to customer specifications in terms of thermodynamic, structural and frame conformation performance, so that they can be **perfectly integrated** into the customer's machine or system.

## Dry Coolers

Enex Technologies' **Dry Coolers** are designed for use with **glycol, water** and **other refrigerants**, and also can be used in combination with chillers. Dry Coolers replace the cooling towers, requiring very little maintenance while eliminating the risk of bacterial contamination in the air or water caused by Legionella inside the air-conditioning systems. Our wide range of dry cooler condensers features **450 models**, providing cooling capacities ranging **from 10 kW to 1500 kW**.

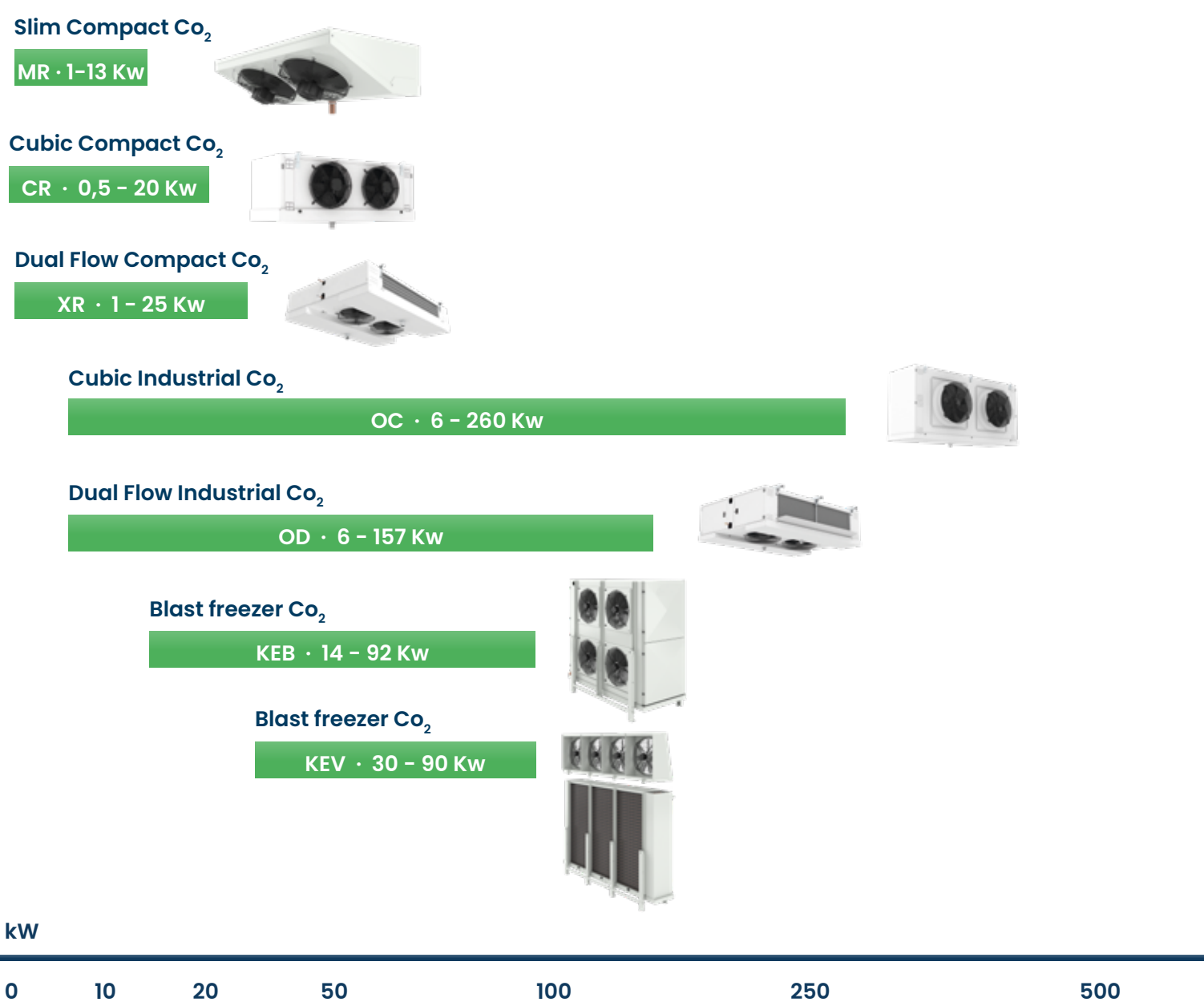
## NH<sub>3</sub> Condensers

Enex Technologies' innovative **NH<sub>3</sub> Condensers** are manufactured with **stainless steel tubes** and **aluminum** fins (as standard) feature modular designs accommodating from 2 to 24 axial fans. Our robust NH<sub>3</sub> **V-shaped** condensers and **Flat condensers** are made of thick galvanized metal, while our NCX **Evaporative condensers** consistently deliver high energy efficiency, exceeding ErP 2023 standards.

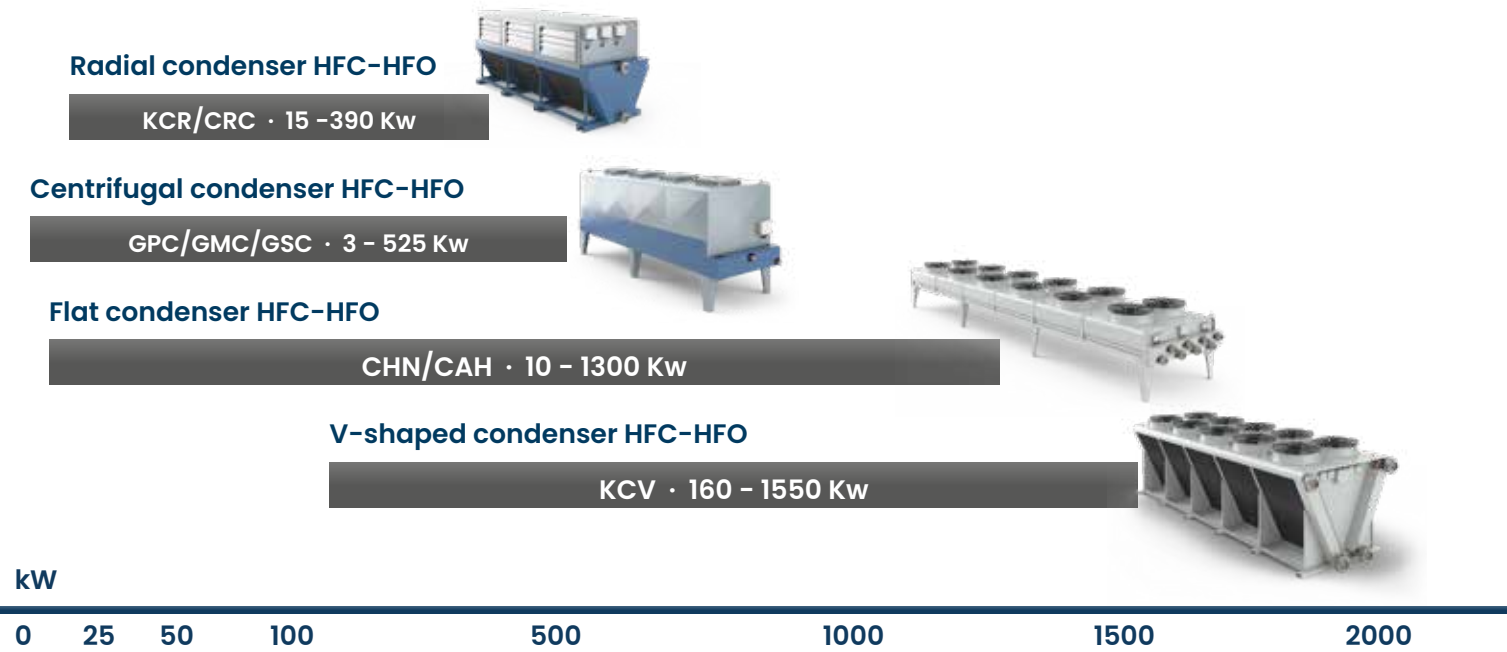
CO<sub>2</sub> Gas coolers



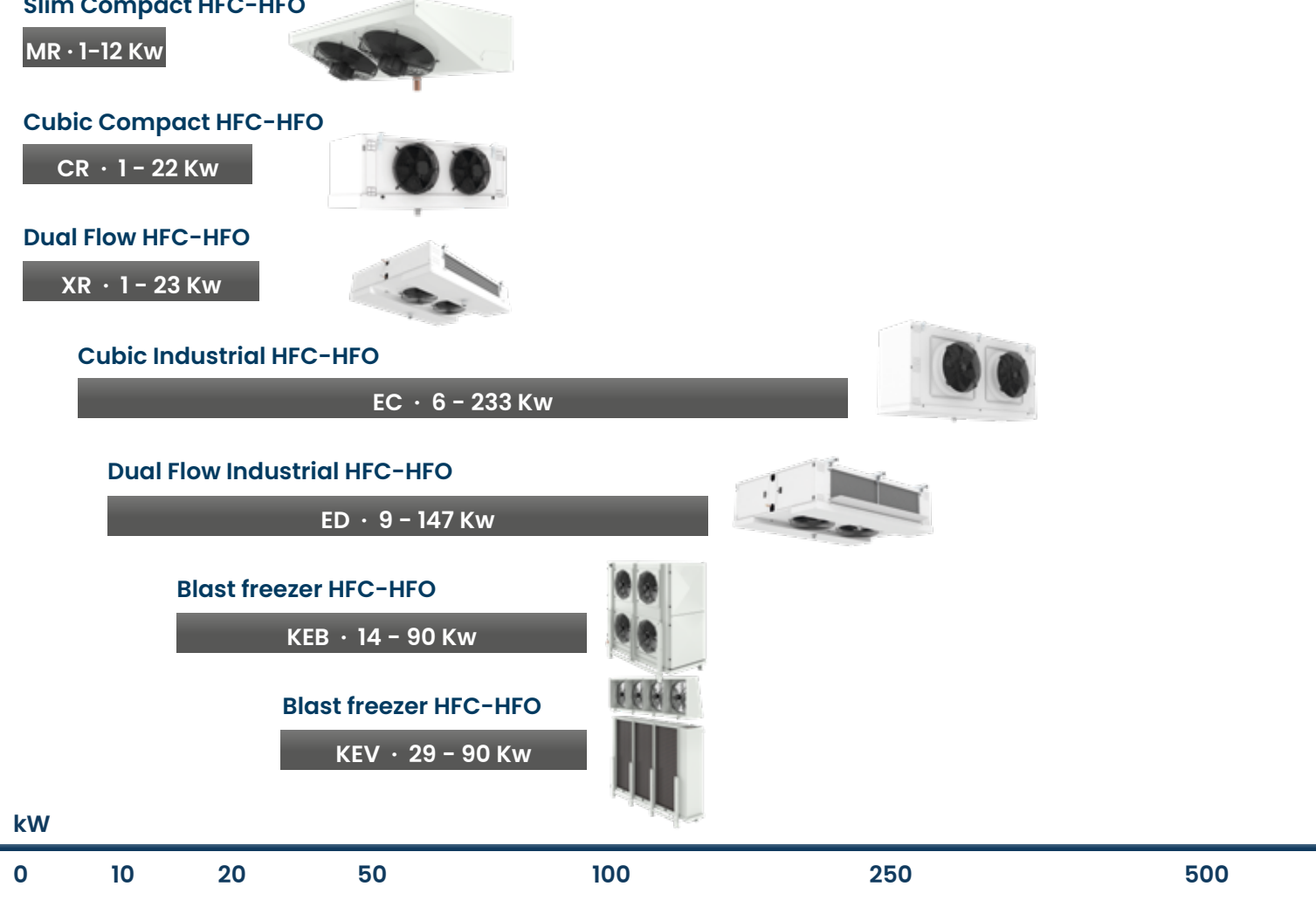
CO<sub>2</sub> Evaporators



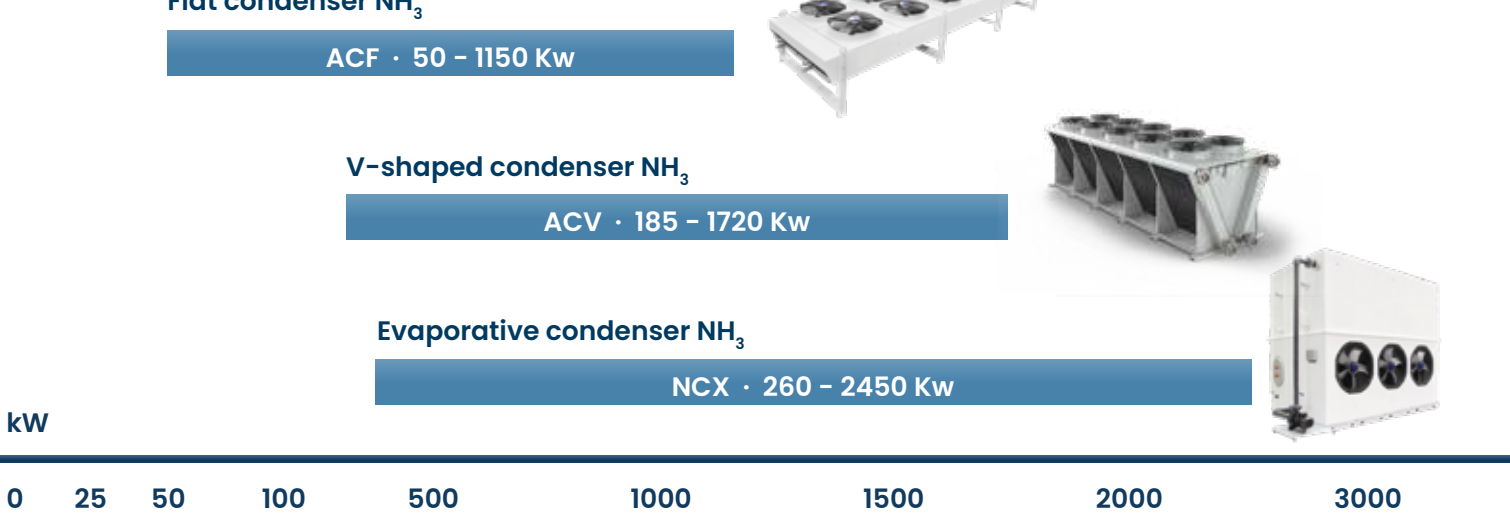
HFC–HFO Condensers



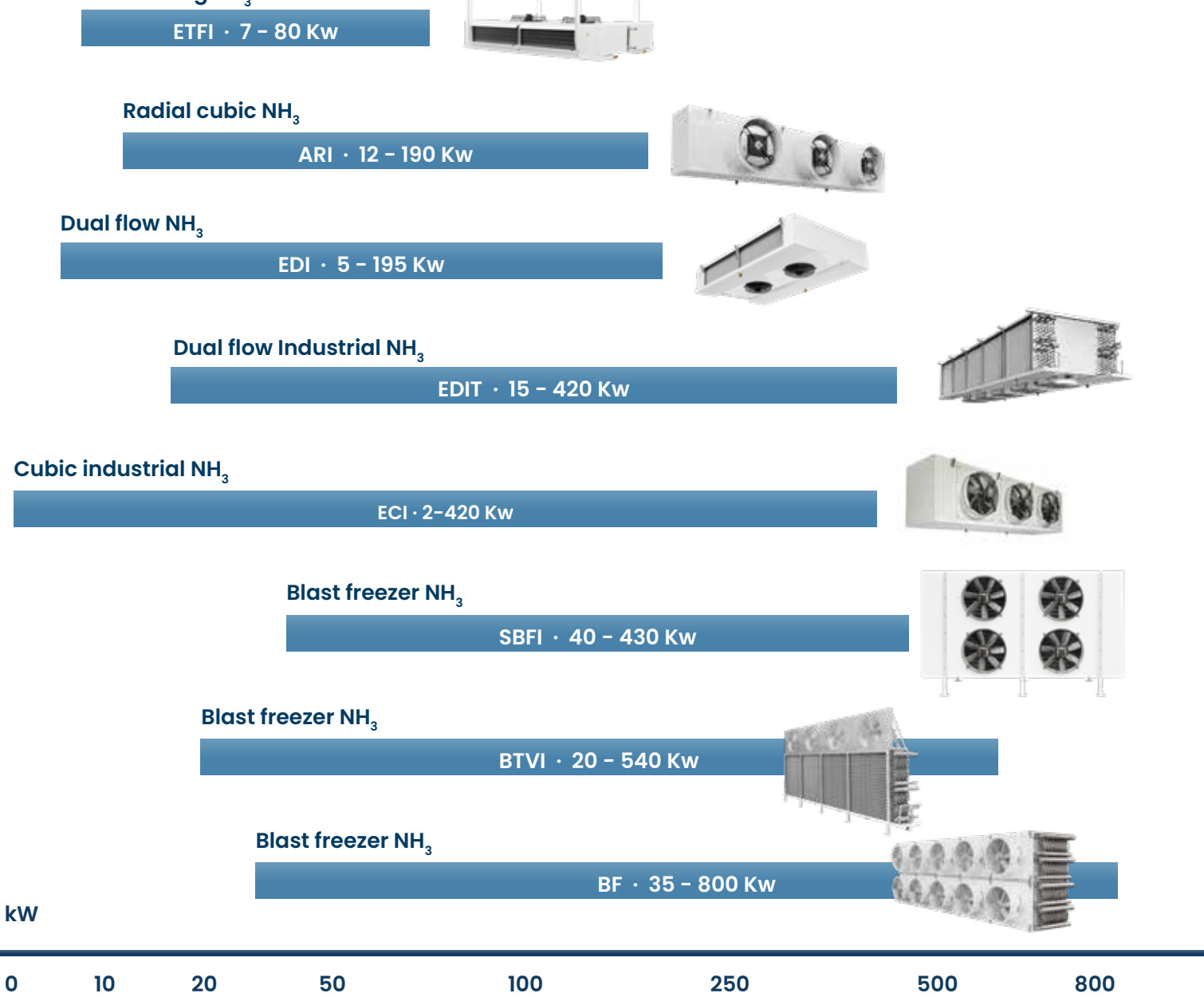
HFC–HFO Evaporators



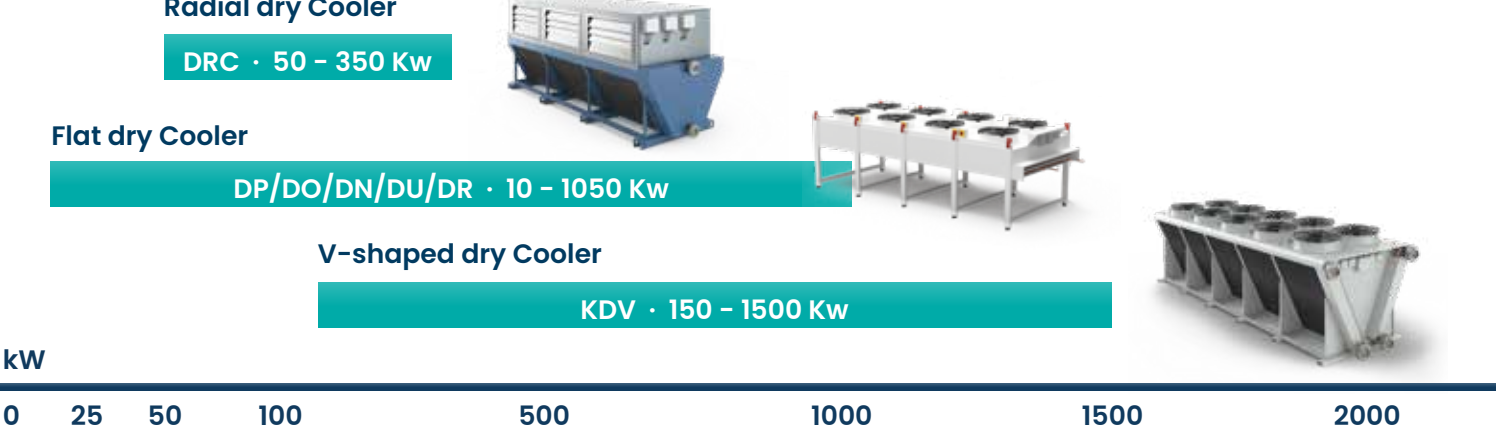
NH<sub>3</sub> Condensers



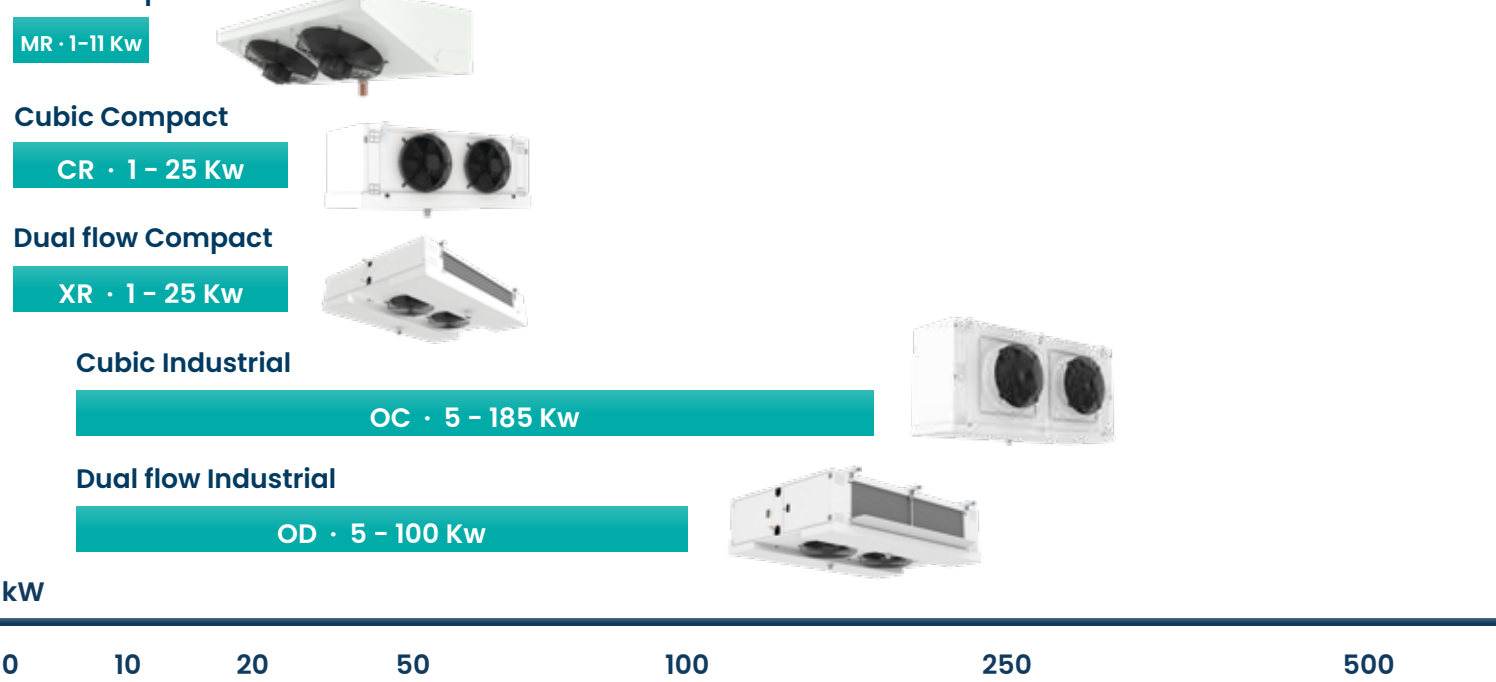
NH<sub>3</sub> Evaporators



Dry Coolers



Brine Coolers

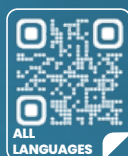


Fin & Tube / Shell & tube Heat Exchangers

Enex Technologies' Heat Exchangers are manufactured according to the customer's specific request both in terms of thermodynamic performance and frame conformation, so that they can be **perfectly integrated into the customer's machine or system.**

Our **“Heat Recovery” Shell & Tube** heat exchangers are used for all applications where it is necessary to recover heat from a primary fluid to a secondary one. These include Cogeneration, Biogas chillers, Air dryers, Oil coolers, and Steam condensation.





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