Ventilated Unit Solutions

FOR THE HVACR INDUSTRY

enex technologies
cooling and heating naturally

CO_2 Evaporators

Enex Technologies' **CO2 evaporators** cover all the needs related to the **maximum achievable pressures** and the specifications related to CO_2 system designa 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_3 Evaporators

Enex Technologies' **NH_3 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_2 Gas coolers

Enex Technologies' **CO_2 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_2 gas cooler units allow for optimal integration in all new generation CO_2 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 f**rom 10 kW to 1500 kW**.

NH_3 Condensers

Enex Technologies' innovative **NH_3 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_3 **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_2 Gas coolers

Refroidisseur au gaz plat

GM/GN/GO/GP · 15 - 900 Kw

Refroidisseur au gaz radial

KGR · 20 - 525 Kw

kW

0 25 50 100 500 1000

CO_2 Evaporators

Slim Compact Co_2

OS · 1-13 Kw

Cubic Compact Co_2

OC · 0,5 - 20 Kw

Dual Flow Compact Co_2

OD · 1 - 25 Kw

Cubic Industrial Co_2

OC · 6 - 260 Kw

Dual Flow Industrial Co_2

OD · 6 - 157 Kw

Blast freezer Co_2

KEB · 14 - 92 Kw

Blast freezer Co_2

KEV · 30 - 90 Kw

kW

0 10 20 50 100 250 500

HFC-HFO Condensers

Radial condenser HFC-HFO

KCR/CRC · 15 -390 Kw

Centrifugal condenser HFC-HFO

GPC/GMC/GSC · 3 - 525 Kw

Flat condenser HFC-HFO

CHN/CAH · 10 - 1300 Kw

V-shaped condenser HFC-HFO

KCV · 160 - 1550 Kw

kW

0 25 50 100 500 1000 1500 2000

HFC-HFO Evaporators

Slim Compact a HFC-HFO

ES · 1-12 Kw

Cubic Compact HFC-HFO

EC · 1 - 22 Kw

Dual Flow HFC-HFO

ED · 1 - 23 Kw

Cubic Industrial HFC-HFO

EC · 6 - 233 Kw

Dual Flow Industrial HFC-HFO

ED · 9 - 147 Kw

Blast freezer HFC-HFO

KEB · 14 - 90 Kw

Blast freezer HFC-HFO

KEV · 29 - 90 Kw

kW

0 10 20 50 100 250 500

NH_3 Condensers

Flat condenser NH_3

ACF · 50 - 1150 Kw

V-shaped condenser NH_3

ACV · 185 - 1720 Kw

Evaporative condenser NH_3

NCX · 260 - 2450 Kw

kW

0 25 50 100 500 1000 1500 2000 3000

NH_3 Evaporators

Cool ceiling NH_3

ETFI · 7 - 80 Kw

Radial cubic NH_3

ARI · 12 - 190 Kw

Dual flow NH_3

EDI · 5 - 195 Kw

Dual flow Industrial NH_3

EDIT · 15 - 420 Kw

Cubic industrial NH_3

ECI · 2-420 Kw

Blast freezer NH_3

SBFI · 40 - 430 Kw

Blast freezer NH_3

BTVI · 20 - 540 Kw

Blast freezer NH_3

BF · 35 - 800 Kw

kW

0 10 20 50 100 250 500 800

Dry Coolers

Radial dry Cooler

DRC · 50 - 350 Kw

Flat dry Cooler

DHN/DCH · 10 - 1050 Kw

V-shaped dry Cooler

KDV · 150 - 1500 Kw

kW

0 25 50 100 500 1000 1500 2000

Brine Coolers

Slim Compact

BS · 1-11 Kw

Cubic Compact

BC · 1 - 25 Kw

Dual flow Compact

BD · 1 - 25 Kw

Cubic Industrial

BC · 5 - 185 Kw

Dual flow Industrial

BD · 5 - 100 Kw

kW

0 10 20 50 100 250 500

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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ALL LANGUAGES

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enex INNOVATION AS ENERGY
kobol Refrigeration INNOVATION AS ENERGY
enex Industrial INNOVATION AS ENERGY
EMICON INNOVATION AS ENERGY
ETHRATECH INNOVATION AS ENERGY
kobol HEAT EXCHANGERS NATURALLY
MORGANA HEAT EXCHANGERS NATURALLY
ROENEST HEAT EXCHANGERS NATURALLY