

Swiss-style air-cooled power exchange with low noise



Overview

Low noise emission design (76 db (A) power level) with low noise fan and noise damping panels. Completely pre-assembled modularized units. The Alfa Laval Olmi air heat exchanger product portfolio fits a wide range of conditions that can handle pressures up to 613 bar as well as temperatures up to 400°C. The air cooled heat exchangers are used in refineries, gas, petrochemical and chemical plants and are customized for our customer's. We designed an axial fan so silent that motor, transmission, and even airflow noise become the dominant factor in noise calculation. This way we can ensure that you have the lowest noise levels, calculated and guaranteed for your newly build or retrofitted Air-Cooled Heat Exchangers and Air-Cooled. ABB has developed a compact thermosyphon heat exchanger – based on automotive technology – that uses numerous multiport extruded tubes with capillary-sized channels disposed in parallel and brazed to a base plate that receives the power electronics modules. Maintenance-free operation and extremely low noise emission. Ideal application areas wherever machines or production. Polybloc develops and produces plate heat exchanger made of aluminium, stainless steel & plastic. Efficiency and quality since 1982 → Let us advise you now! Built from the ground up to provide the lowest Total Acquisition Cost for the power industry Ultra compact, modular and custom-engineered ECO-TAC coolers provide the lowest cost for power industry applications.

Article Content

Apr 05, 2026

TUBETECH air cooled heat exchanger

TUBETECH GmbH stands for customer satisfaction due to a consistently high quality of our products at a competitive price combined with short delivery time and high flexibility - Made in Germany.

Nov 20, 2025

V-Type Low Noise Air Cooled Condensers For Cold Room

ICEDSEA V-type vertical discharge air cooled condensers are mainly used in large-capacity condensing units with significant heat exchange requirements and

Aug 17, 2025

Microsoft Word

For air-cooled PEMFC, adjusting the fan speed mainly changes the amount of heat exchange between the air and the stack, while the hydration state of the proton exchange membrane will be affected .

May 08, 2026

Olmi air cooler

Low noise emission design (76 db (A) power level) with low noise fan and noise damping panels. Completely pre-assembled modularized units. Winterization

Feb 11, 2026

A-Frame Air cooled condenser: Dry Cooling for

It's suitable for small to large power plants in a large variety of conditions (low ambient temperature, high wind, high seismic, low

Jun 02, 2026

Energy-efficient Parametric Low-noise Amplifier

We presented an energy-efficient low-noise amplifier, achieving 0.89 noise efficiency factor (NEF) using discrete-time parametric amplification. The power

May 09, 2026

Optimizing Air-Cooled Heat Exchanger Design for Compliance with ...

Sustainable Materials and Manufacturing: The selection of materials and manufacturing processes with inherent noise-dampening properties, as well as the use of recycled or eco-friendly

Mar 02, 2026

ECODYNE UET Switzerland

ECODYNE UET Switzerland is a world-leading manufacturer of air-cooled heat exchangers for the power generation industry. We develop and manufacture advanced dry cooling systems that offer

Apr 09, 2026

Polybloc Switzerland | intelligent plate heat exchanger since 1982

Polybloc develops and produces plate heat exchanger made of aluminium, stainless steel & plastic. Efficiency and quality since 1982 Let us advise you now!

Sep 05, 2025

Publications – Biochemical Engineering Laboratory | ETH Zurich

Droplets with such low surface tension wet and spread over common surfaces such as test tubes and microscope slides, complicating in vitro experiments. The development of a universal super-repellent

Nov 28, 2025

D R A F T

This paper identifies the basic configurations of air-cooled condensers used in the power industry together with their advantages and disadvantages when compared to those exhibited by traditional

Jul 02, 2026

Achieving near-water-cooled power plant performance with air-cooled ...

Power plants using air-cooled condensers suffer a 5–10% plant-level efficiency penalty compared to plants with once-through cooling systems or wet cooling towers.

May 27, 2026

Low Noise SK6500W SK8500W SWISS power generator / SWISS

Other attributes Place of Origin Fujian, China Brand Name swiss power generator Model Number swiss power generator Speed 3000RPM/3600RPM Frequency 50/60 Hz Color Red, Blue, Green,Black

Jun 23, 2026

Performance evaluation of an air-cooled heat exchange system for

The basic characteristics of the HCNFs were measured and analyzed. Finally, the HCNFs were applied in a cooling system with an air-cooled heat exchanger (ACHE) to evaluate the pumping

Jul 24, 2026

Ultra Compact Air Cooled Heat Exchangers (ECO-TAC)

Built from the ground up to provide the lowest Total Acquisition Cost for the power industry. Ultra compact, modular and custom-engineered ECO-TAC coolers provide the lowest cost for power

Nov 30, 2025

Noise Reduction | Bronswerk Heat Transfer

Our newly built and Whizz-Wheel retrofitted Air-Cooled Heat Exchangers are well known for their increased performance, reliability. They are also much smaller, lighter and most silent.

Jun 27, 2026

AcePower Launches New 50 kW Air-Cooled High

To accelerate Europe's rapidly growing DC fast-charging infrastructure, the module is designed to offer ultra-high efficiency, low noise,

Jul 03, 2026

Low Noise Heat Exchanger Evaporator Air Cooled

Air Cooler Evaporator Two sides end plate and water drain plate design into open type for maintenance conveniences. Front shell with inner

May 03, 2026

FanNoiseLayout

Air-cooled heat exchangers have four main noise sources: fans, drives, motors, and structural vibration. Heat exchanger noise is a function of fan tip speed, input power, diameter, and pitch angle, plus

Dec 30, 2025

Optimal performance and modeling study of air-cooled proton exchange ...

The multi-physical field distribution inside an air-cooled proton exchange membrane fuel cell exhibits a very complex coupling relationship. Change of

Oct 25, 2025

Development of a compact high-power density air-cooled proton exchange ...

Therefore, this paper is devoted to the development of an air-cooled fuel cell with compact structure, large number of fuel cells and high power density. Liquid-cooled fuel cells discharge heat

Apr 19, 2026

Flat tube heat exchangers - Direct and indirect noise levels in heat ...

Three types of heat exchanger were evaluated to detect differences in noise level and air-side heat transfer performance at varying air flow. The measured sound power level from all the heat

Dec 27, 2025

Thermal performance assessment of a low power proton exchange

Due to electrochemical and thermal phenomena, it seems essential to study the effect of environmental conditions on the performance of air-cooled fuel cells with different configurations for

Dec 01, 2025

VWHPIRUORZ Andrey Ivanov and Maxim Puzyrev ...

For air-cooled PEMFC, adjusting the fan speed mainly changes the amount of heat exchange between the air and the stack, while the hydration state of the proton exchange membrane will be affected .

Dec 02, 2025

A/W heat exchangers

The use of Pfannenberg air/water heat exchangers is particularly suitable where ambient temperatures are high or the atmosphere proves to be particularly oily

Feb 03, 2026

Swiss Military POPPODS ANC Earbuds, Bluetooth 5.3, 60H Playtime, Noise ...

Active Noise Cancellation (ANC) effectively blocks out external noise, enhancing your focus and providing a distraction-free experience. The earbuds are powered by Bluetooth 5.3, ensuring quick

Sep 22, 2025

Self-contained thermo

This compact heat exchanger achieves a high cooling performance and low air pressure drop. A similarly compact air-to-air heat exchanger for enclosure cooling was also developed with the same

Dec 12, 2025

Noise Reduction Scheme for Air-Cooled Heat Pump Unit

Purpose The air-cooled heat pump unit is widely used in the central air-conditioning system in large buildings such as shopping malls and hospitals. However, the noise emitted from the

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://greatpremiersolutions.co.za>

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

