

OLAER
A-LAC
COOLERS

AIR OIL COOLER

Olaer A-LAC with A.C. motors for industrial hydraulic systems



AN AIR OIL COOLER FOR DURABLE STRENGTH

The Olaer A-LAC oil cooler is supplied with a single phase or a three phase A.C. motor and is designed for use in industrial applications.

All the components have been developed in our own laboratory to ensure optimum harmonic operation.

With the Olaer A-LAC series, we can supply air oil coolers of Olaer's well-known high quality, at short notice.

The Olaer A-LAC series of air oil coolers can be fitted with a thermo contact for oil temperature control.

Cooler matrix with low pressure drop and high cooling capacity.



High cooling capacity - low pressure drop

The ideal cooler will provide long-lasting oil durability hence extended hydraulic system life, minimize internal potentials for leaks, prolong lubricating qualities and maintain hydraulic efficiency for the entire working cycle.

Olaer A-LAC air oil coolers are easy to install, easy to handle and have extremely high performance and durable strength.

Own laboratory

A series of quiet, long-lasting coolers with high cooling capacity per unit of surface area and a low pressure drop is the result of extensive research, development and testing in our own laboratory.

The components are carefully selected to ensure optimum performance. The unique cooler design provides an excellent cooling capacity with regard to cooler size.

During the development of the Olaer A-LAC series, we also took the opportunity to develop coolers for small cooling requirements, for which we predict an increasing demand in, for instance, leakage circuits.

Simple and user-friendly design

The A-LAC air oil cooler design is simple and user-friendly and is easy to dismantle for cleaning. Olaer A-LAC coolers are highly resistant to material fatigue, caused by vibrations and pressure spikes.

The Olaer Group is represented worldwide providing you with service wherever you are located. The company's long traditions, range of customers and foresighted development have given us a wide technical expertise, an advantage for you by ensuring that the cooler you buy for your application is always the correct cooler.

Calculate your cooling requirement

Olaer has developed a calculation program where, by entering your basic data, you can calculate your cooling requirement and select the correct cooler. The program is available on request from your local Olaer company.

For more detailed information, see separate information sheet.



Different by-pass functions are available to protect against cold starts.

Can be fitted with dust and/or stone guard

A.C. motors, 230V single phase or 400V three phase.

Olaer A-LAC coolers for all applications

Industrial

- Presses
- CD presses
- Fibreboard presses
- Binding machines
- Lathes
- Multi-operation machines
- Crushers
- Lifts
- Water jet cutters
- Tempering furnaces
- Converters
- Saw transport equipment
- Simulators
- Welding machines
- Winches
- Diesel motors

- Bale presses
- Concrete tile presses
- Pipe benders
- Nibbling machines
- Milling machines
- Injection moulders
- Mills
- Rock-drilling equipment
- Cranes
- Transformers
- Timber mill machines
- Diesel oil cooling
- Test rigs
- Offshore equipment
- Cranes

Transmissions

- Gas turbines
- Stone crushers
- Gear boxes
- Gear drives
- Transmissions
- Paper machines
- Bearing lubrication

**Consult your local
Olaer company for:**

- type
- applications
- system construction
- dimensioning
- extreme operational conditions

**OLAER
COOLERS**

THE COMPLETE PRODUCT RANGE



OLAER A-LAC

An air oil cooler designed for industrial applications fitted with single-phase or three-phase motor. The components have been developed in our laboratory for optimum performance.

Max. cooling capacity 130 kW at ETD 40°C.



OLAER A-LDC

An air oil cooler ideal for mobile applications because of its compact design and light weight, fitted with a 12V or a 24V DC motor. During the development of the A-LDC series of air oil coolers we developed also coolers for small cooling requirements.

Max. cooling capacity 30 kW at ETD 40°C.



OLAER A-LHC

An air oil cooler fitted with a hydraulic motor for heavy duty applications with high cooling requirement. The Olaer A-LHC air oil coolers are designed for industrial as well as mobile applications. Max. cooling capacity 130 kW at ETD 40°C.



OLAER A-LOC

An extremely reliable air oil cooling system consisting of a matrix, a fan and a pump. Fitted with one electric motor only, this cooling system is easy to install and at a very low cost. The Olaer A-LOC cooling system is supplied fit for installation in your system.

Max. cooling capacity 45 kW at ETD 40°C.



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Please note: Being a renowned manufacturer of cooling systems for hydraulics, Olaer is constantly seeking ways to improve the specification and design of its products and alterations take place continually. The products in this brochure may be updated, altered in any way or discontinued, without prior notice.