

Parker Product Datasheet



Suitable for most Industrial applications, the LAC air oil cooler series offers an efficient and robust design and is available in a range of cooling capacities from 1kW to 300 kW. Please use the sizing software for proper cooler sizing.

PART NUMBER: 5836023006
SIZE: 23
MOTOR TYPE: D - 230/400V 50Hz & 460V 60Hz - IE2
SWITCH OPTION: 00 - None
MOTOR POLE COUNT: 6
SPECIAL OPTIONS: 0 - Standard
DUST CAP OPTION: 0 - No guard
SERIES TYPE: LAC2
BYPASS OPTIONS: 000 - Standard

PRODUCT OVERVIEW

The Parker LAC air oil cooler series offers a reliable and efficient cooling system with the additional benefits of short lead times. With its simple and robust design and wide selection of accessories this range will suit all industrial applications with a high voltage electric source.

The Parker LAC air oil cooler is quiet in operation and offers a low pressure drop and high cooling capacity. It has a single-phase or three-phase AC-motor and is also available in two special versions:

- With ATEX approval for use in potentially explosive atmospheres above ground (LAC-X series)
- With extra corrosion protection, for use in marine/offshore applications (LAC-M series)

The LAC size 200, which is unique on the market offers a cooling capacity of 300 kW at an estimated temperature difference of 40°C.

Markets:

- Oil and Gas
- Industrial
- Mobile
- Renewable Energy

Features/Benefits:

- Quiet fan and fan motor.
- Efficient and robust design which extends operating lifetime and reduces service and maintenance costs
- Cooler matrix with low pressure drop and high cooling capacity.
- Easy to maintain and easy to retrofit in many applications.

The correct working temperature produces a number of economic and environmental benefits:

- The hydraulic system's useful life is extended.
- The oil's useful life is extended.
- The hydraulic system's availability increases – more operating time and fewer shutdowns.
- Service and repair costs are reduced
- High efficiency level maintained in continuous operation – the system's efficiency falls if the temperature exceeds the ideal working temperature.

Applications:

- Power Units
- Lubrication Systems
- Marine Cranes
- Presses
- Wind Power

We have included a small selection of part numbers, for more options please download the LAC air oil cooler brochure or contact your local Parker sales office. Cooler product selector software to view 3D Models, product literature and sizing software is also available. You can also download our Cooler Sizing Software to select a cooler (in the Product Support tab).

Previously branded as Oiltech and Olaer.

TECH SPECIFICATIONS

DIVISION	Controls Division China
MAXIMUM OPERATING PRESSURE	14 bar
FLOW RATE	200 L/min
FOR FLUID TYPE	Mineral Oil
FOR FLUID TYPE	Water Glycol
WEIGHT	35 kg
WIDTH	580 mm
HEIGHT	610 mm
NOISE LEVEL	64 dBA
PORT SIZE	G1 inch
DEPTH	550 mm
MAXIMUM FLUID TEMPERATURE	110 °C
MAXIMUM COOLING CAPACITY	0.61 kW/°C
MOTOR POWER OUTPUT RATING	0.18 kW