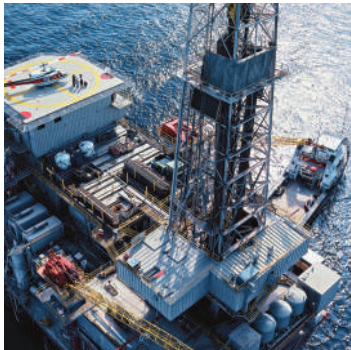




aerospace
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Fast Track - Coolers

LAC and LDC Coolers

**48 hour
delivery**



ENGINEERING YOUR SUCCESS.

Fast Track Air Oil Coolers

48 hour delivery

8 part numbers from the LAC and LDC cooler range have been selected for 48 hour delivery. A maximum of 3 units can be ordered however for larger orders please contact your local Parker Sales Office for lead time and availability.

LAC Cooler with AC motor



TYPE	Part Number
LAC2-007-4-D-00-000-0-0	5836007004
LAC2-011-4-D-00-000-0-0	5836011004
LAC2-016-4-D-00-000-0-0	5836016001
LAC2-023-4-D-00-000-0-0	5836023003

Features

- High cooling capacity
- Quiet fan and fan motor
- Cooling capacity up to 300 kW
- Single-phase or three-phase AC motor
- Compact and light weight
- Low pressure drop
- Service-friendly and easy to retrofit

Applications

- Power units
- Lubrication systems
- Marine cranes
- Presses
- Wind power

**48 hour
delivery**

LDC Cooler with DC motor



TYPE	Part Number
LDC-007-B-0-00-000-0-0	5837007007
LDC-011-B-0-00-000-0-0	5827011025
LDC-016-B-0-00-000-0-0	5827016012
LDC-023-B-0-00-000-0-0	5827023012

Features

- 12V or 24V DC motor
- Compact and light weight
- Maximal cooling capacity 30 kW
- Can be fitted with Smart DC Drive

Applications

- Truck cranes
- Body builders
- Mining

**48 hour
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Technical Specification

LAC Coolers

Fluid Combinations	
Mineral oil	HL/HLP in accordance with DIN 51524
Oil/Water emulsion	HFA, HFB in accordance with CETOP RP 77H
Water glycol	HFC in accordance with CETOP RP 77H
Phosphate ester	HFD-R in accordance with CETOP RP 77H

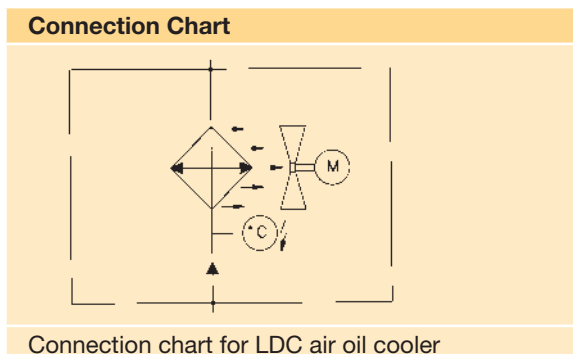
Cooling capacity curve
The cooling capacity curves in this technical data sheet are based on tests in accordance with EN 1048 and have been produced using oil type ISO VG 46 at 60 °C.

Technical Data, COOLER MATRIX	
Maximum static operating pressure	21 bar
Dynamic operating pressure	14 bar*
Heat transfer limit	± 6 %
Maximum oil inlet temperature	120 °C
* Tested in accordance with ISO/DIS 10771-1	

Technical Data, 3-PHASE MOTOR	
3-phase asynchronous motors in accordance with IEC 34-1 and IEC 72 in accordance with DIN 57530/VDE 0530	
Insulation class	F
Rise of temperature	B
Protection class	IP 55

LDC Coolers

Fluid Combinations	
Mineral oil	HL/HLP in accordance with DIN 51524
Oil/Water emulsion	HFA, HFB in accordance with CETOP RP 77H
Water glycol	HFC in accordance with CETOP RP 77H
Phosphate ester	HFD-R in accordance with CETOP RP 77H



Cooling capacity curve
The cooling capacity curves in this technical data sheet are based on tests in accordance with EN 1048 and have been produced using oil type ISO VG 46 at 60 °C.

Technical Data, COOLER MATRIX	
Maximum static working pressure	21 bar
Dynamic working pressure	14 bar*
Maximum oil inlet temperature	120 °C
* Tested in accordance with ISO/DIS 10771-1	

MATERIAL	
Cooler matrix	Aluminum
Fan blades/guard	Glass fibre reinforced polypropylene
Fan housing	Steel
Other parts	Steel
Surface treatment	Electrostatically powder-coated

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US Product Information Centre

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