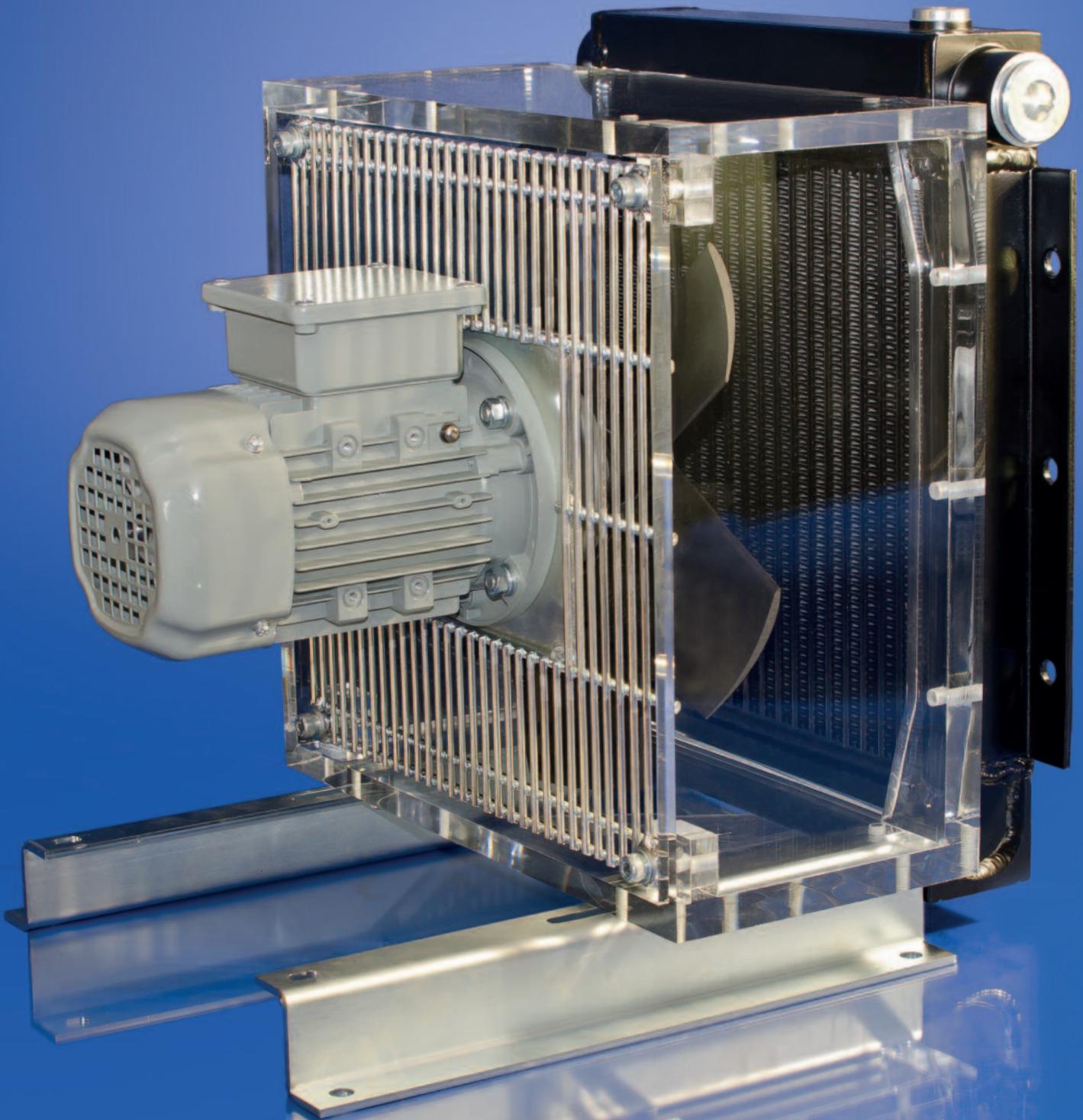


OIL-AIR COOLING



**UNIVERSAL[®]
HYDRAULIK**



Your Partner for coolers and systems

advanced quality
 customized designs
 made in europe and usa

Oil air coolers

Industry

OIL - AIR COOLING

LKI



Drive: 400 V Motor
 10 sizes: 2-150 kW cooling capacity
 Optional:
 - Off-Shore design
 - 40 bar Test pressure
 - special design upon request
 - Atex certified
 - Stainless steel cooler element
 - Compressor coolers
 - Frequency controlled drives
 - Bypass (thermo or pressure)



TFS/A



Bypass cooling
 Installation beside the hydraulic system extremely silent
New version: pump direct on fan mounted, motor variable now
 Drive: 400 V Motor
 4 sizes: 8,5-32 kW Heat load
 Optional:
 - filter, thermostat, hoses, etc.
 - other mounting options

Mobile

OIL - AIR COOLING

LKM



Drive: 12 V-, 24 V- Motor
 Basis LKI Series
 special design upon customer demands
 Brushless motor fans
 (to safe energy, low noise)
 Bypass available
 Optional:
 - 40 bar Test pressure
 - screw-in thermostat, etc.

LKI-HYD



Drive: Hydraulic-Motor with collar bearing
 Basis LKI Series
 special design upon request
 Optional:
 - without hydraulic motor
 - other motors upon request

LKM-special



Drive: 12 V-, 24 V- Motor
 Basis LKM Series
 individual designs of sizes and drives
 Optional:
 - two or more drives
 - heat performance can be tested

LKK



Special Design without drive upon customer demands, e.g. multiple combined coolers (oil, charge air, water) in Side-by-Side design.
 Optional:
 - 40 bar Test pressure
 - housing, fan supplied separately

LKFM



Drive: 12 V-, 24 V- Motor
 Basis LKM-Series
 Integrated cooler-filter unit.
 Filter is in the hydraulic oil tank
 (with inspection glass and ventilation)
 Compact design

Cooling solutions

COOLING SYSTEMS

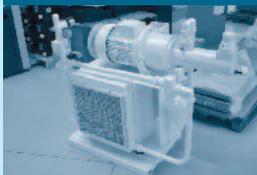
Cooling systems



We mount several standard coolers together on a rack to increase the cooling performance (from 2 to 16 coolers).

COOLING SYSTEMS

Cooling-Filter systems



We can extend every standard cooler to a compact bypass-cooling filter unit for your hydraulic system.