

Advanced quality
Customized designs
Made in Europe and USA

**UNIVERSAL
HYDRAULIK**®
Your Partner for coolers and systems



**HYBRID
COOLING**

filter-technics
AUTHORIZED
DISTRIBUTOR



Oil/Water-Heat exchanger

CKM/FS

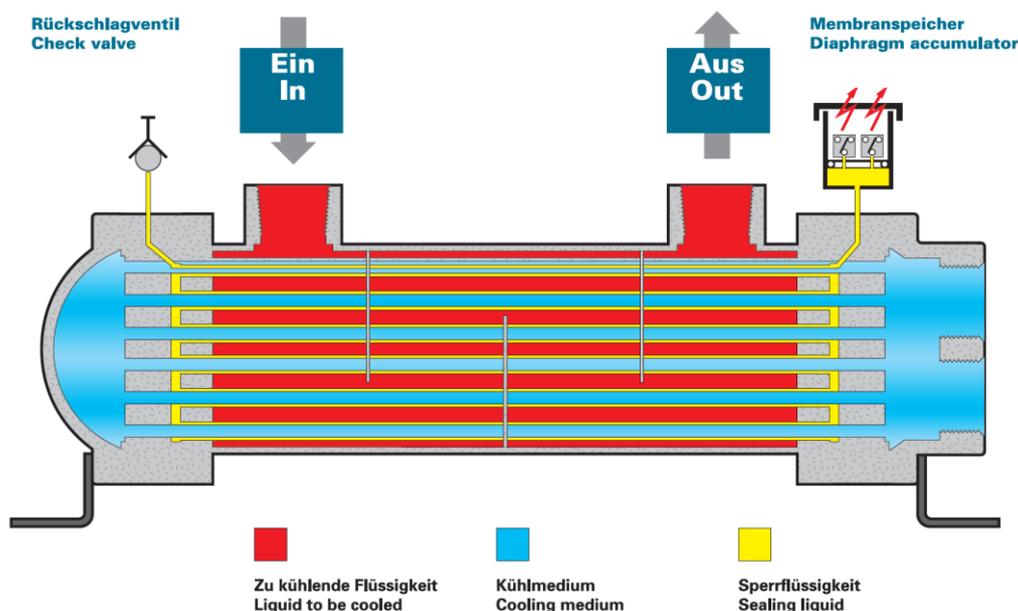


- Tube in tube-version
- Protection against overpressure as well as corrosion effects
- Expansion tank with pressure control for acceptance of change in sealing liquid volume
- Removable sealing cover for cleaning internal water pipes





Safety principle



Based on the existing oil/water heat exchangers of the CKM series, the company Universal Hydraulik have developed the new oil/water safety heat exchanger CKM/FS which, by means of a double tube, prevents the danger of mixing the cooling and the to be cooled medium. The space between the two tubes fills with a sealing liquid. A pre-charged diaphragm accumulator compensates the thermal change in volume of the sealing liquid and keeps the sealing liquid pressure almost constant. The pressure switches indicate any leaks in the bank of tubes at once.

Sealing liquid

A special liquid enables optimum heat transfer. It is frost-resistant up to -30°C and, at the same time, safe with foodstuffs. Liquid evaporates at 150°C. Other liquids on request.

Standard material

Shell	- Brass/Steel
Outer water tube	- CU
Inner water tube	- CU-NI/SS
Bonnets	- Cast iron
Separation area	- Steel

Other materials on request.

Option: Sea water resistant version

The technical data of this sheet is depending on the described operational conditions and individual cases.

At different operational conditions and differing individual cases contact Universal Hydraulik.

Technical modifications reserved. Please also pay attention to our operation manuals and maintenance documentations.

In case of an order, binding dimensions can be found in the associated component drawing.

Sales

DISTRIBUTOR

Filter-Technics Bvba

A. Van Roeyenstraat 28 – 2070 Zwijndrecht

Tel.: +32 (0) 3 254 05 67 - 0. Fax +32 (0) 3 254 04 95

E-Mail: info@filter-technics.be

www.filter-technics.be

SUPPLIER:

Universal Hydraulik GmbH

Siemensstr. 33. D-61267 Neu-Anspach

Tel.: +49 (0) 60 81/ 9418- 0

E-Mail: info@universalhydraulik.com