

Cooling Systems

CFTU - Cooler Filter Tank Unit

Ultra Compact Design

Customisable Configuration

Long-life Filter System

Integrated Magnetic Core Trap

Anti-Splash Breather

Hydraulic Controlled

NEW PRODUCT!
ECO-FRIENDLY
LOW NOISE



General

CFTU - Cooler Filter Tank Unit. Combining Oil cooler, using air forced by a fan across an Aluminum matrix to dissipate heat from the fluid as it passes through a series of tubes. The fan is moved by a hydraulic motor. The cooler has an integrated tank and is specifically designed for mobile applications in on and off road machinery. The product is equipped with state of the art filter with an integrated magnetic core to increase filtration capacity.

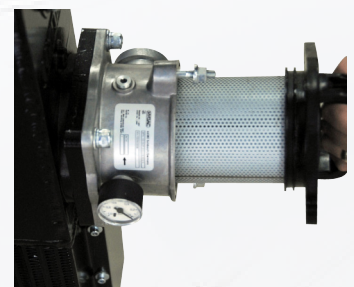
Applications

Hydraulic circuit cooling in the return line e.g. concrete mixer trucks etc.

Filtration

Suction filter specially designed for in-tank installation. The element ensures minimal pressure losses coupled with good retention rate. This together with the large filter surface serves to minimize cavitation in the pump. The integrated bottom valve allows the filter to be mounted horizontally, so that maintenance can be performed below the oil surface.

The bottom valve closes automatically on removal of the cover. The design of the filter head allows the residual oil to be drained off from the housing area before the filter is opened. This eco-friendly feature prevents any contamination of the environment during maintenance.



Technical Specifications

Cooler model	OK ELHM 3/2.0/H6.0/1/S/10/LN	OK ELHM 3/2.0/H14/1/S/10/LN	OK ELHM 3/2.0/H22/1/S/10/LN
Code number	2354346	TBA	2354278
Motor speed [RPM]	1000-3000	1000-3000	1000-3000
Nominal heat dissipation @dT=40°C [kW]	7-15	7-15	7-15
Nominal pressure drop @ 30 cSt [bar]	0.1-0.9	0.1-0.9	0.1-0.9
Air flow rate [m ³ /h]	Depends on RPM	Depends on RPM	Depends on RPM
Motor displacement [cm ³ /r]	6	14	22
Motor max pressure [bar]	300	300	200
Continuous motor operating press.[bar]	250	250	150
Min. oil motor pressure difference [bar]	20	20	20
Noise level at 2000 rpm [dB(A)] ⁽¹⁾	78	80	82
Weight [kg]	25.5	26	26.5
Max radiator dynamic operating pressure [bar]	16	16	16
Max radiator operating temperature [°C]	130	130	130
Max system volume [litre]	15	15	15
Colour	RAL 9005	RAL 9005	RAL 9005

(1) Noise level [dB(A)] (average value at 1m distance)