

Cooling Systems

CFTU - Cooler Filter Tank Unit

Ultra Compact Design

Customisable Configuration

Long-life Filter System

Integrated Magnetic Core Trap

Anti-Splash Breather

DC Controlled



General

CFTU - Cooler Filter Tank Unit. Combining Oil cooler, using air forced by a DC fan across an Aluminum matrix to dissipate heat from the fluid as it passes through a series of tubes. 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.

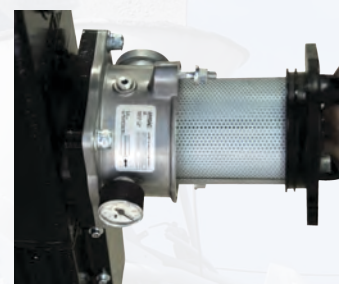
Applications

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 retentoin 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 ELDM 3/1.0/12V/1/S/10	OK ELDM 3/1.0/24V/1/S/10
Code number	2351114	2351115
Motor speed [RPM]	3000	3000
Nominal heat dissipation @dT=40°C [kW]	7.2-13	7.2-13
Nominal pressure drop @ 30 cSt [bar]	0.1-0.9	0.1-0.9
Air flow rate [m3/h]	1800	1800
Max motor voltage input (V)	13.5	26.5
Motor life [hours]	16000	16000
Noise level at 1000 rpm [dB(A)] ⁽¹⁾	80	80
Weight [kg]	22	22
Max radiator dynamic operating pressure [bar]	16	16
Max radiator operating temperature [°C]	130	130
Max system volume [litre]	15	15
Colour	RAL 9005	RAL 9005

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