

OFFLINE AIR OIL COOLERS - SOC SERIES



**WITH GERMAN TECHNOLOGY
AKG ALUMINIUM RADIATOR**

How it works:

SOC series offline coolers are equipped with a dual drive motor which drives radiator/cooler fan on one end & pump at other end.

Once powered on, the pump takes the oil from hydraulic tank and send to the cooler where the oil is cooled by the air flow from fan.

Cooled oil flows back to the tank.

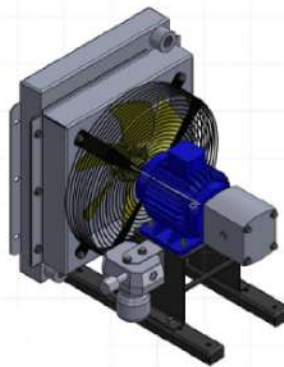
Advantages:

Economical

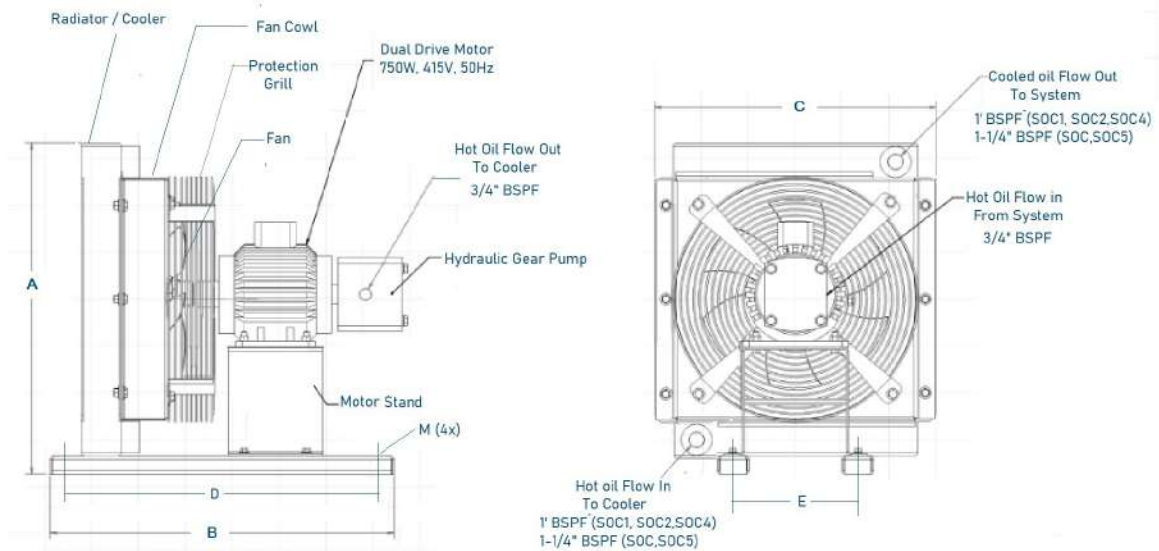
Independant operation

Easy Installation & maintenance

Optional filter & by-pass protection



Dimensions & Parts Details:



Dimensions Chart (All Dimensions in mm)						
Model	A	B	C	D	E	M
SOC1	430	550	355	500	150	Dia. 14
SOC2	530	550	451	500	200	Dia. 14
SOC3	550	550	451	500	200	Dia. 14
SOC4	700	550	466	500	200	Dia. 14
SOC5	700	550	466	500	200	Dia. 14

	TECHNICAL DETAILS					
Model	Motor Volts	Motor Power kw / hp	Motor Speed RPM	Oil flow rate in LPM	Noise dB(A),1m	Max Total Weight Kg
SOC1	415	0.75/1	2800	54	81	36
SOC2	415	0.75/1	1400	40	79	45
SOC3	415	0.75/1	1400	40	81	54
SOC4	415	0.75/1	1400	40	80	59
SOC5	415	0.75/1	1400	40	81	65

	Heat Rejection Chart in kw				
Model	ETD 5	ETD 10	ETD 15	ETD 20	ETD 25
SOC1	1.00	2.00	3.00	4.00	5.00
SOC2	1.20	2.40	3.60	4.80	6.00
SOC3	1.35	2.70	4.05	5.40	6.75
SOC4	1.85	3.70	5.55	7.40	9.25
SOC5	2.25	4.50	6.75	9.00	11.25

ETD= Max. permissible oil temperature - Maximum Air Inlet Temperature

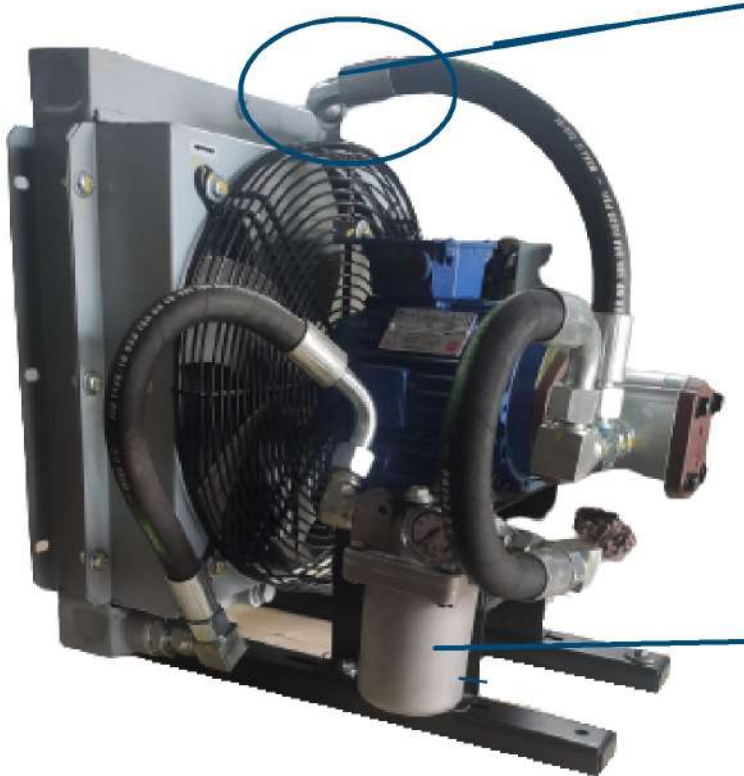
1kw = 859 kcal/hr

SIMPLE METHOD TO SELECT THE RIGHT MODEL

- 1) Decide the heat rejection required from your system, (Eg. 4kw)
- 2) Decide the required ETD. (Eg. 15 Deg.C)
- 3) Look for 4kw or higher value in above chart in ETD 15 column

COOLER SELECTED IS SOC3 model

We are glad to assist you in selecting the right model. Please feel free to contact us for any queries.

Accessories:

**5 Bar By-pass line **
To protect cooler
from high pressures

Add (-5BP) along with
model code to order

25 micron Filter Assembly
Add (-25F) along with
model code to order

Our other Products:

Air cooled oil coolers for return line installation:

- >With AC Fan Motors 230-415v 50-60Hz
- >With DC Fan motors 12v/24V
- >With Hydraulic Fan motors

Manufacturers:

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