

How to size an air-oil cooler

Date _____

Company Name	
Contact Name	Email
Address	
Website	Phone



Please describe your application / End-usage conditions (additional comments)

Type of fluid	Viscosivty grade (Cst)
Tank volume (liters)	Total installed power (kW)
Max temp inlet (°C)	Power to dissipate (kW)
Required temp out (°C)	Ambient air temp min. (°C)
Flow rate (l/min)	Ambient air temp. max (°C)
Altitude (m)	Max. pressure drop allowed (bar)
Max. sound level allowed (dB(a))	

Oil Air Cooler (Fan Drive)					Voltage
LDC	LAC	LOC3*	LHC**	QAC	
*LOC3 with pump					
**LHC - Hydraulic Motor			Available Pressure (bar)	Available Flow (l/min)	

Air Cooler				Voltage
Marine Specification*	Stone Guard	Dust Guard	Lifting Eyes	
* AC-motor=IP56-motor with Stand Still Heaters 220V, Improved sheet metal Coating				
Thermo Switch				°C

ATEX Certification (if required)	
Zone & Category	
Gas / Dust Group	
Explosion Protection	
Explosion Group	
Temperature Class	

Matrix		
1 Pass - No By-Pass	1 Pass - Pressure Controlled By-Pass	1 Pass - Temperature & Pressure By-Pass
2 Pass - No By-Pass	2 Pass - Pressure Controlled By-Pass	2 Pass - Temperature & Pressure By-Pass

Please send the completed form to your local Parker dealer. For more information about retailers near you go to

www.parker.com

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