



SERIES

Stainless Steel Braze Plate Oil Coolers

- ▶ Corrosion Resistant Type 316 Stainless Steel Construction
- ▶ High Efficiency Design Compact Size
- ▶ Leak Free SAE O-Ring Oil Connections
- ▶ Convenient Mounting and Connection Locations



 **AKG THERMAL SYSTEMS, INC.**

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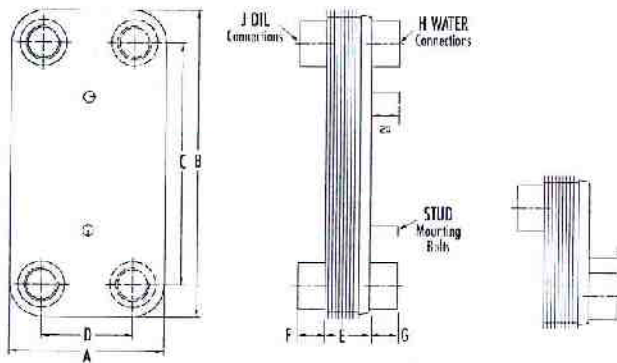
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BULLETIN AKG-1

Advanced Technology

- **Compact Size** Brazed plate construction is up to **60% smaller** in size than traditional shell and tube designs.
- **Corrosion Resistant** Type 316 stainless steel construction.
- **Design for Oil Cooling** SAE oil connections are standard on all models. Mounting brackets are provided. Oil and water connections are on opposite sides reducing piping requirements.
- **Prompt, Accurate Engineering Assistance** Our business is cooling hydraulic oil. Detailed performance specification data sheets are provided for each application.

Dimensions & Specifications



Ratings:

Maximum Working Pressure450 PSI
 Maximum Working Temperature350° F

Materials:

PlatesAISI 316L SS
 Connections.....AISI 316L SS
 Brazing.....99.9% Copper
 Optional (marine duty)SMO250 SS
 Optional BrazingNickel

MODEL SIZE	Dimensions							H NPT	J SAE	Weight Empty (lb)
	A	B	C	D	E	F	G			
AKG-1	2.88	8.00	6.56	1.63	0.47 +(0.095 x N)	0.79	0.79	1/2	#8	1.65+(0.11 x N)
AKG-2	3.5	9.06	7.19	1.69	0.47 +(0.095 x N)	0.79	0.79	3/4	#12	2.42+(0.13 x N)
AKG-22	3.5	12.80	10.98	1.69	0.47 +(0.095 x N)	0.79	0.79	3/4	#12	3.14+(0.18 x N)
AKG-3	4.88	6.73	4.72	2.88	0.47 +(0.095 x N)	0.79	1.57	1 1/4	#16	2.64+(0.13 x N)
AKG-4	4.88	13.07	11.06	2.88	0.47 +(0.095 x N)	0.79	0.79	1	#16	3.52+(0.26 x N)
AKG-5	4.88	20.83	18.81	2.88	0.47 +(0.095 x N)	0.79	0.79	1	#16	4.40+(0.53 x N)
AKG-7	10.59	20.83	18.11	7.88	0.47 +(0.095 x N)	3.74	2.56	2	#32*	12.13+(1.32 x N)
AKG-8	10.59	20.83	16.57	6.34	0.47 +(0.095 x N)5	2.44	2.56	2	#32*	16.54+(1.54 x N)
AKG-9	10.59	31.41	27.16	6.34	0.47 +(0.095 x N)	2.44	2.56	2	#32*	23.15+(1.76 x N)

Dimensions are in inches. N = Number of plates * = #32 SAE O-Ring to 2" SAE 4 bolt flange adaptor available

Ordering Information



MODEL SERIES

AKG = TYPE 316 SS

MAKG = SMO254 SS (MARINE DUTY)

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PLATE SIZE

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NUMBER OF PLATES

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CUSTOM FEATURE CODE

N = NICKEL BRAZE