

STA Oil Coolers

5 to 105 GPM

HiROSS[®]

Southwest Thermal Technology

Questions? Call Sales M-F 8am-5pm PT
p. 888-226-8522 | www.SouthwestThermal.com



Applications:

Hiross STA Oil Coolers offer a wide selection for fluid to fluid and fluid to gas applications. Standard sizes range from 3 to 8 inch diameter and 14 to 72 inch lengths. Other sizes are available for special or non-standard requirements. Performance can be easily varied by optional baffle spacing or with 1, 2 or 4 pass arrangements. The Hiross STA Oil Coolers are efficient, heavy-duty, compact, shell and tube type heat exchangers designed for long life in the most adverse installations.

Computerized design enables Hiross to construct heat exchangers to customer's specific requirements.

Computer printouts are readily available for all applications.

Materials of Construction:

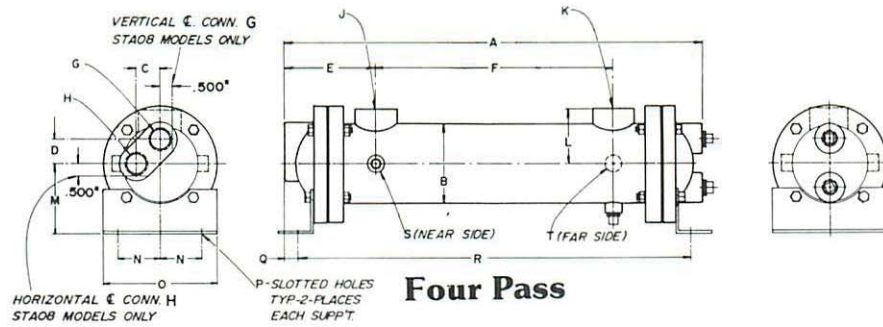
Standard: Cast Iron Bonnets
Carbon Steel Shell
Copper Tubes

Optional: Zinc Anodes
Admiralty Tubes
Stainless Steel Tubes or Shell
Cupro Nickel Tubes or Shell

Typical Applications

Air Compressors
Machine Tools
Transformer Oils
Automotive
Torque Converters
Hydraulic Power Units
Trim Coolers





DIMENSIONS IN INCHES																			
MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T
STA03014	17.187	3.250	1.000	1.000	3.567	10.000	3/4" F.P.T.	3/4" F.P.T.	1" F.P.T.	1" F.P.T.	2.312	2.750	1.625	4.500	7/16 x 3/4	.375	16.375	1/4" F.P.T.	1/4" F.P.T.
STA03024	27.187	3.250	1.000	1.000	3.562	20.000											26.375		
STA04014	17.567	4.250	1.250	1.250	4.437	9.000	3/4" F.P.T.	3/4" F.P.T.	1-1/2" F.P.T.	1-1/2" F.P.T.	3.125	3.500	1.750	4.250	7/16 x 3/4	.625	16.625	1/4" F.P.T.	1/4" F.P.T.
STA04024	27.562					19.000											26.625		
STA04036	39.562	5.250	1.688	1.688	4.812	31.000	1" F.P.T.	1" F.P.T.	1-1/2" F.P.T.	1-1/2" F.P.T.	3.437	4.000	2.000	5.250	1/2 x 3/4	.750	38.625	1/4" F.P.T.	1/4" F.P.T.
STA05014	18.437					9.000											17.125		
STA05024	28.437	6.250	2.000	2.000	5.437	19.000	1-1/2" F.P.T.	1-1/2" F.P.T.	2" F.P.T.	2" F.P.T.	4.062	4.500	2.500	6.250	1/2 x 3/4	1.000	27.125	3/8" F.P.T.	3/8" F.P.T.
STA05036	40.437					31.000											39.125		
STA06024	28.567	8.625	2.500	2.500	7.062	18.250	2" F.P.T.	2" F.P.T.	3" F.P.T.	3" F.P.T.	5.437	5.750	3.500	8.250	5/8 x 7/8	1.812	27.125	2" F.P.T.	3" F.P.T.
STA06036	40.567					30.250											39.125		
STA06048	52.567	78.437				42.250											51.125		
STA06060	64.562					54.250											63.125		
STA08024	30.437					17.000											27.500		
STA08036	42.437					29.000											39.500		
STA08048	54.437					41.000											51.500		
STA08060	66.437					53.000											63.500		
STA08072	78.437					65.000											75.500		

Consult factory for dimensional information on two pass units. Standard Manufacturing tolerances apply.

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