



# OIL COOLERS

## BRAZED PLATE HEAT EXCHANGERS

At HTG we understand that selecting an oil cooler is more than a calculation of flow rates, temperatures and pressure drops. We have a complete series of oil coolers to perform in a variety of conditions and the expertise to help you select the most optimized solutions to your oil cooling requirements.

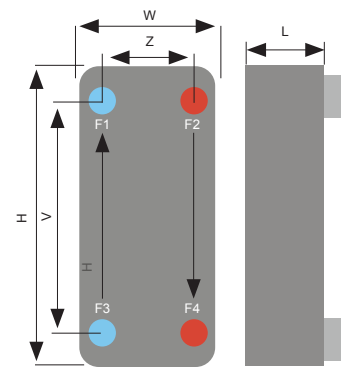
These units are standard fitted with SAE and NPT connections. Multiple connection types and sizes are available to fit any application. Consult factory for specific connection types.

### Typical Applications:

*Hydraulic Power Units, Conveyor Systems, Large Engine Dynometers, Hydraulic Press Cylinder Oil, Industrial Furnace Cooling, Transformer Oil, Hydraulic Lifts and Elevators, Feed-Throats and Auggers, and many other oil cooling applications across all industries.*

### MATERIALS OF CONSTRUCTION

<b>Plate Material:</b>	316L Stainless
<b>Brazing Material:</b>	Copper
<b>Connection Material:</b>	304 Stainless Steel (SAE, NPT, FPT, BSP, Flanged or Grooved-Stainless-Steel)
<b>UL Working Pressure Rating:</b>	450 psi



HTG Model	Height (H)	Width (W)	Vertical (V)	Horiz (Z)	Depth (L)	Max Plates	Surface Area	Max Flow	Max Conn
HTG012	7.56	2.87	6.06	1.57	0.354+.0906n	60	0.129	18 GPM	3/4"
HTG013A	7.83	3.35	6.06	1.57	0.512+.0921n	60	0.140	18 GPM	3/4"
HTG014	8.07	2.95	6.77	1.65	0.354+.0906n	60	0.151	18 GPM	3/4"
HTG018	9.06	3.5	7.17	1.69	0.354+.0906n	60	0.194	26 GPM	1"
HTG020A	6.61	4.8	4.72	2.87	0.417+.0906n	60	0.215	53 GPM	1-1/4"
HTG022	12.52	2.95	10.94	1.65	0.354+.0906n	60	0.237	18 GPM	3/4"
HTG028	12.24	4.37	9.84	1.97	0.354+.0906n	150	0.301	80 GPM	1"
HTG030B	11.81	4.72	9.84	2.76	0.354+.0906n	150	0.323	53 GPM	1-1/4"
HTG035A	12.13	4.92	9.84	2.76	0.276+.0945n	120	0.377	80 GPM	1-1/4"
HTG052	20.75	4.37	18.35	1.97	0.354+.0945n	150	0.560	80 GPM	1-1/4"
HTG060B	20.75	4.72	18.86	2.83	0.354+.0906n	120	0.646	53 GPM	1"
HTG095	24.29	7.48	20.28	3.62	0.433+.0945n	250	1.023	155 GPM	2"
HTG115A	21.06	9.96	16.93	6.85	0.591+.0945n	280	1.238	200 GPM	2-1/2"
HTG120G	20.87	9.84	17.72	6.44	0.512+.0906n	250	1.292	177 GPM	2-1/2"
HTG136	19.29	9.84	14.88	5.43	0.512+.1122n	250	1.464	309 GPM	3"
HTG210	29.09	12.68	23.74	7.40	0.512+.1122n	250	2.260	463 GPM	4"
HTG310	38.78	14.69	32.09	7.87	0.787+.1122n	300	3.337	661 GPM	5"

\* "n" = number of plates, Medium and Low Theta plates available in certain sizes

\* Additional sizes available.



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