



Heat Transfer Group, Inc.

**Single-Phase / Fluid-to-Fluid
HEAT EXCHANGERS**



Single-Phase / Fluid-to-Fluid HEAT EXCHANGERS



ABOUT HEAT TRANSFER GROUP

- ✓ Headquartered in Long Island, NY with Production Facilities in the US, Europe, and Asia
- ✓ Specializes in Supporting OEMs with Optimized Brazed Plate Designs to Meet Exact Requirements
- ✓ Maintains Dedicated Stock for OEMs with Immediate Delivery
- ✓ Thousands Of Heat Exchangers In General Stock For Prototype Testing, Samples, and Small Production Runs
- ✓ Responsive Application Engineering and Sales Support
- ✓ User-Friendly Selection Software

SINGLE-PHASE / FLUID-TO-FLUID DESIGN

Designed for the efficient heating or cooling of a wide variety of fluids and gasses compatible with the materials of construction.

Typical Applications:

Steam & Hydraulics, Process Heating/Cooling, Oil Coolers, Chilled Water, Engine Cooling, Snow Melt, Deionized Water, Dielectric Fluids, and Potable Water.

Single-Wall, Double-Wall, Dual Circuits, Multi-Circuits available. Optional Insulation Kits and Mounting Brackets.

MATERIALS OF CONSTRUCTION

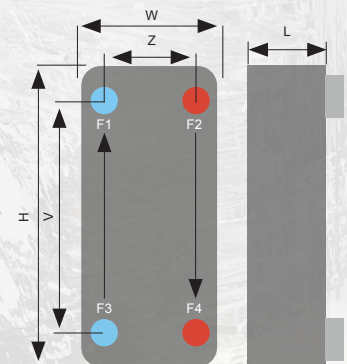
Plate Material: 316L Stainless
Brazing Material: Copper, Nickel, or All-Stainless-Steel
Connection Material: 304 Stainless Steel
 (NPT, FNPT, BSP, SAE, Flanged or Grooved-Stainless-Steel)

UL Working Pressure Rating: 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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