



HTGN & HTGTS SERIES

NICKEL & ALL-STAINLESS-STEEL BRAZED PLATE HEAT EXCHANGERS

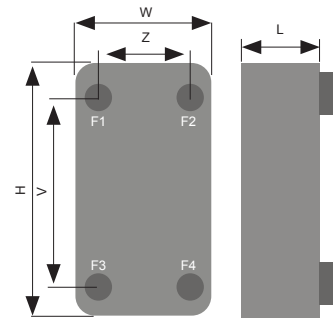
NICKEL

The HTGN series are copper-free heat exchangers brazed with a custom nickel alloy. It is available with 316L SS plates or with a higher grade of stainless called XCR for harsh environments. The HTGN Series should be applied for ammonia, de-ionized water, or with any fluid not compatible to copper. Performance characteristics match those of HTG copper brazed models. The HTGN series has a working pressure rating of 150 psi.

ALL-STAINLESS-STEEL

The HTGTS series is manufactured using 100% stainless steel. It is available with 316L SS plates and a proprietary stainless-steel alloy allowing for higher working pressures. Performance characteristics match those of HTG copper brazed models. The HTGTS series has a working pressure rating of 435 psi – 653 psi.

NICKEL



HTG Model	Height (H)	Width (W)	Vertical (V)	Horiz (Z)	Depth (L)	Max Plates	Surface Area	Max Flow	Max Connection
HTGN014C	8.19	2.87	6.77	1.57	0.276 + 0.0882n	60	0.151	18 GPM	3/4"
HTGN023A	12.4	2.87	10.94	1.57	0.276 + 0.0882n	60	0.248	18 GPM	3/4"
HTGN027A	11.26	4.57	9.21	2.48	0.276 + 0.0495n	120	0.291	80 GPM	1"
HTGN032AH*	11.26	4.57	9.57	2.83	0.276 + 0.0945n	120	0.344	80 GPM	1-1/4"
HTGN035A	12.13	4.92	9.84	2.76	0.276 + 0.0945n	120	0.377	80 GPM	1-1/4"
HTGN052A	20.59	4.21	18.35	1.97	0.591 + 0.0945n	120	0.56	80 GPM	1-1/4"
HTGN095A	24.25	7.52	20.43	3.62	0.276 + 0.0945n	120	1.023	155 GPM	2"
HTGN105A	21.06	9.96	16.93	5.83	0.591 + 0.0984n	120	1.13	200 GPM	3"
HTGN115A	21.06	9.96	17.95	6.85	0.591 + 0.0945n	120	1.238	200 GPM	2-1/2"

* Note: The HTGN032AH has a working pressure rating of 435 psi.
N = number of plates

ALL-STAINLESS-STEEL

HTG Model	Height (H)	Width (W)	Vertical (V)	Horiz (Z)	Depth (L)	Max Plates	Surface Area	Max Flow	Max Connection
HTGTS2	9.33	3.54	7.4	2.76	0.510 + 0.0930n	50	0.193	18 GPM	1"
HTGTS22	12.91	3.54	10.94	1.61	0.510 + 0.0930n	50	0.274	18 GPM	1"
HTGTS24	18.03	3.54	16.06	1.61	0.510 + 0.0930n	50	0.366	18 GPM	1"
HTGTS4	6.81	4.92	4.72	2.76	0.510 + 0.0930n	50	0.193	80 GPM	1-1/4"
HTGTS42	13.15	4.92	10.94	2.76	0.510 + 0.0930n	100	0.377	80 GPM	1-1/4"
HTGTS43	20.94	4.92	18.7	2.76	0.510 + 0.0930n	100	0.634	80 GPM	1-1/4"
HTGTS6	20.94	10.67	17.48	7.24	0.530 + 0.0930n	150	1.453	200 GPM	2-1/2"
HTGTS61	20.94	10.67	17.28	7.05	0.530 + 0.0930n	150	1.4	250 GPM	3"
HTGTS62	31.5	10.67	27.17	6.34	0.530 + 0.0930n	150	2.15	300 GPM	3"

* N = number of plates



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