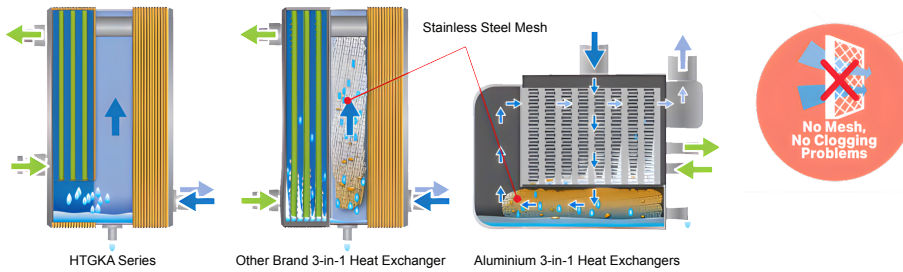




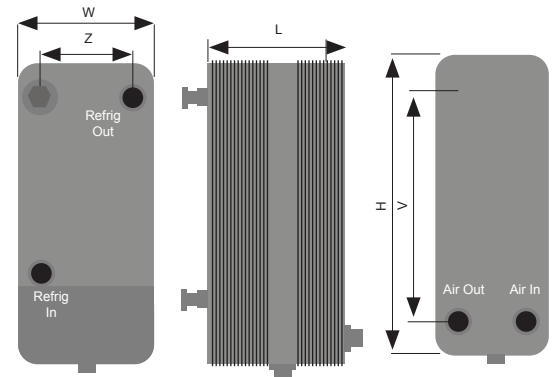
# HTGKA SERIES

## AIR DRYER BRAZED PLATE HEAT EXCHANGERS

HTGKA series is an innovative patented 3-in-1 design for refrigerated air dryers combining the Precooler, Evaporator and Separator. This series provides compact size and high thermal transfer performance. The integrated separator design can fully dehumidify compressed air and eliminate the need for a mesh/demister.



Brazing Material	Model HTGKA		Max. Working Pressure (psi)	Max. Working Temperature (°F)
Cooper	030, 070, 140	(A2,B1/C2,D2)	Up to 653/232.1	392°F
	210, 300		Up to 653/145.0	



MODEL TYPE	DIMENSIONS IN INCHES					Weight (lb)	Air Connection (inch)	Air Flow Rate @101.5psi		
	H	W	V	Z	L			Nm <sup>3</sup> /min	Nm <sup>3</sup> /hr	sCFM
HTGKA030-14-8	7.56	3.07	6.06	1.57	3.82	6.48	3/4"	0.58	34.8	20.57
HTGKA030-20-10	7.56	3.07	6.06	1.57	4.49	7.21	3/4"	0.83	49.8	29.43
HTGKA030-22-12	7.56	3.07	6.06	1.57	4.80	7.58	3/4"	1.00	60.0	35.46
HTGKA030-24-16	7.56	3.07	6.06	1.57	5.31	10.08	3/4"	1.33	79.8	47.16
HTGKA030-40-24	7.56	3.07	6.06	1.57	7.28	10.43	3/4"	1.67	100.2	59.22
HTGKA070-20-26	11.97	4.88	9.84	2.76	6.23	24.69	1"	2.40	144.0	85.11
HTGKA070-32-40	11.97	4.88	9.84	2.76	9.16	32.85	1-1/4"	4.20	252.0	148.94
HTGKA070-46-66	11.97	4.88	9.84	2.76	14.04	46.96	1-1/2"	7.00	420.0	248.23
HTGKA140-24-36	17.36	8.11	14.17	4.92	8.97	67.68	2"	11.00	660.0	390.07
HTGKA140-32-44	17.36	8.11	14.17	4.92	11.21	79.81	2"	14.00	840.0	496.45
HTGKA210-40-50	20.75	9.65	16.93	5.83	15.53	171.08	2-1/2"	22.00	1320.0	780.14
HTGKA210-50-64	20.75	9.65	16.93	5.83	19.72	211.42	3"	28.00	1680.0	992.91
HTGKA300-41-46	25.63	12.64	20.47	7.48	18.58	305.17	4"	35.00	2100.0	1235.5
HTGKA300-47-54	25.63	12.64	20.47	7.48	19.88	325.02	4"	40.00	2400.0	1412.0
HTGKA300-55-60	25.63	12.64	20.47	7.48	21.18	343.98	4"	45.00	2700.0	1588.5
HTGKA300-61-70	25.63	12.64	20.47	7.48	22.68	366.91	4"	50.00	3000.0	1765.5

E.g. HTGKA030-14-8, 14 is the number of plates of the evaporator on air-refrigerant side, 8 is the number of plates of the precooler on air-air side.

\* The flow direction might be changed according to different models, please refer to the drawing and user manual for detail.

\* This table only lists the standard HTGKA series products. If there is a specific requirement, please contact HTG.



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