Brazed plate heat exchanger dimensions & technical characteristics

Model	B3-008	B3-014	B3-015	B3-020	B3-020G	B3-026	B3-038
Width, W [mm]	70	78	88	78	74	109	109
Height, H [mm]	140	208	198	317	310	309	419
Length, L [mm]	6.2+1.0n	9+2.2n	9+2.2n	9+2.2n	6.5+1.3n	9+2.5n	10+1.68*N
Honzontal Hole Spacing,Lp [mm]	40	40	46	42	42	50	50
Vertical Hole Spacing,Tp [mm]	110	170	160	280	278	250	360
Max presure [Mpa]	4.5	4.5	1.0	4.5	4.5	4.5	4.5
Max Flowrate [m^3/h]	3.8	6	6	6	6	18	18
Weight [Kg]	0.26+0.023n	0.5+0.05n	0.4+0.04n	1.0+0.08n	0.62+0.074n	1.1+0.114n	1.5+0.117n
Heat Transfer Surface [m^2]	0.008x(n-2)	0.014x(n-2)	0.015x(n-2)	0.02x(n-2)	0.02x(n-2)	0.026x(n-2)	0.038x(n-2)

Model	B3-050	B3-050s	B3-095	B3-095s	B3-120DS	B3-190	B3-300
Width, W [mm]	109	112	191	197	251	307	366
Height, H [mm]	525	526	616	622	491	696	1006
Length, L [mm]	10+2.4n	9+2.23n	11+2.8n	9+2.43n	10+2.13n	11+2.6n	16+2.8n
Honzontal Hole Spacing,Lp [mm]	50	50	92	92	155 / 166	179	228.5
Vertical Hole Spacing,Tp [mm]	466	466	519	519	400 / 369	567	872
Max presure [Mpa]	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Flowrate [m^3/h]	18	18	45	45	60	140	160
Weight [Kg]	1.9+0.2n	1.9+0.15n	6+0.39n	6+0.404n	7+0.295n	10+0.51n	57+1.26n
Heat Transfer Surface [m^2]	0.05x(n-2)	0.05x(n-2)	0.095x(n-2)	0.095x(n-2)	0.12x(n-2)	0.19x(n-2)	0.3x(n-2)

Standard Connections for models

Model	Screw Thread Connection															Solder Connection For Gas																				
	NPT/BSP Male thread								NPT/BSP Female Thread							φ6.8	φ9.6	φ12.8	φ15.9	φ16.1	φ19.2	φ22.3	φ25.3	φ28.7	φ32	φ35.3	φ38.3	φ42.2	φ51	φ54.1	φ63.7	φ66.9	φ76.3	φ79.5	φ101
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		1/4"	3/8"	1/2"	5/8"		5/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"	2"	2 1/8"	2 1/2"	2 5/8"	3"	3 1/8"	4"
B3-008	●	●							●	●						●	●	●	●	●	●	●													
B3-014	●	●							●	●						●	●	●	●	●	●	●													
B3-015	●	●							●	●						●	●	●	●	●	●	●													
B3-020	●	●	●	●	●				●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●							
B3-020G	●	●	●	●	●				●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●							
B3-026	●	●	●	●	●				●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●							
B3-038	●	●	●	●	●				●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●							
B3-050			●	●	●	●	●				●	●	●	●								●	●	●	●	●	●	●	●	●	●	●			
B3-050s			●	●	●	●	●				●	●	●	●								●	●	●	●	●	●	●	●	●	●	●			
B3-095			●	●	●	●	●				●	●	●	●								●	●	●	●	●	●	●	●	●	●	●			
B3-095s			●	●	●	●	●				●	●	●	●								●	●	●	●	●	●	●	●	●	●	●			
B3-120DS			●	●	●	●	●				●	●	●	●								●	●	●	●	●	●	●	●	●	●	●			
B3-190			●	●	●	●	●	●			●	●	●	●								●	●	●	●	●	●	●	●	●	●	●	●	●	
B3-300						●	●	●						●															●	●	●	●	●	●	●

Connection Types

Material

Plate material	AISI 316L / AISI 304 Stainless
Connection material	304 Stainless
Brazing material	Pure Copper / Nickel