



DATA SUBMITTAL

Brazed Plate Heat Exchangers

Models: ZB190, ZB207, ZB315,
ZB250, ZB350, ZB500, ZB450, ZB600

Date: 9/25

Job Name: _____	Submitted By: _____	Date: _____
Job Location: _____	Approved By: _____	Date: _____
_____	Order No.: _____	Date: _____
Engineer: _____	Notes: _____	
Contractor: _____	_____	
Sales Rep.: _____	_____	

Description

Zilmet Brazed Plate Heat Exchangers are used for many different applications including heating systems, potable hot water, heating and cooling of industrial processes, de-coupling in thermal systems, solar, swimming pools. These heat exchangers are high efficiency, long life, small dimension, and high reliability.

Construction:

Plates: 0.0197" 316L Stainless Steel
Braze Material: Pure Copper

Connections:

ZB190/207/315/350: 1/2" to 3/4" NPT
Stainless ZB250/500: 1" NPT Stainless
ZB450/600: 2" NPT Stainless

Performance Specifications:

Maximum Design Temperature: see below
Maximum Design Pressure: see below
Test Pressure: 1.5 times Max Design Pressure

Model Number	Max Design Temperature	Max Design Pressure (primary/secondary)	Tagging Information	Quantity
ZB190	248 F	116/44 psi		
ZB207	248 F	145/73 psi		
ZB315	248 F	145/73 psi		
ZB250	392 F	435/435 psi		
ZB350	392 F	435/435 psi		
ZB500	392 F	435/435 psi		
ZB450	392 F	435/435 psi		
ZB600	230 F	431/431 psi		

Brazed mounting posts and Insulation are available upon request.

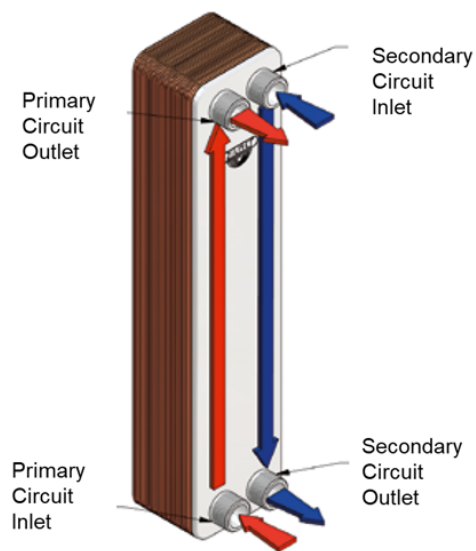


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Model Number	No. of Plates	Height (in)	Weight (lbs)	Length (in)	Width (in)	Connection Length (in)	Connection Width (in)
ZB190	8-40	0.28+0.09*N	0.66+0.09*N	7.48	3.03	6.06	1.57
ZB207	8-40	0.28+0.09*N	0.30+0.09*N	8.15	3.03	6.77	1.65
ZB315	8-40	0.28+0.09*N	0.46+0.11*N	12.40	3.03	10.94	1.57
ZB250	10-80	0.35+0.09*N	3.08+0.29*N	12.20	4.41	9.84	1.97
ZB350	10-80	0.35+0.09*N	3.08+0.29*N	18.38	3.03	16.94	1.65
ZB500	10-80	0.35+0.09*N	5.50+0.53*N	20.71	4.53	18.35	1.97
ZB450	20-100	0.35+0.09*N	9.90+1.12*N	19.17	9.72	15.55	6.30
ZB600	30-100	0.35+0.09*N	17.92+0.88*N	20.87	10.55	17.28	6.97