



DATA SUBMITTAL

Plate and Frame
Heat Exchangers

Models: Z2, Z3, Z4

Date: 9/25

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

Description

Zilmet Plate and Frame 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, high modularity, ease of maintenance, and high reliability.

Plates can be dismantled for service, cleaning, and removing and adding for flexibility and modularity in application.

Construction:

Plates: 0.0197" 316L Stainless Steel

Gaskets: EPDM

Frames: Silver painted carbon steel

Connections:

Z2: 1" FNPT Stainless

Z3: 2" MNPT Stainless

Z4: 3" FNPT 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, psi	Tagging Information	Quantity
Z2/10	284 F	150		
Z2/16	284 F	232		
Z3/10	284 F	150		
Z3/16	284 F	232		
Z4/16	230 F	232		

Brazed mounting posts and Insulation are available upon request.

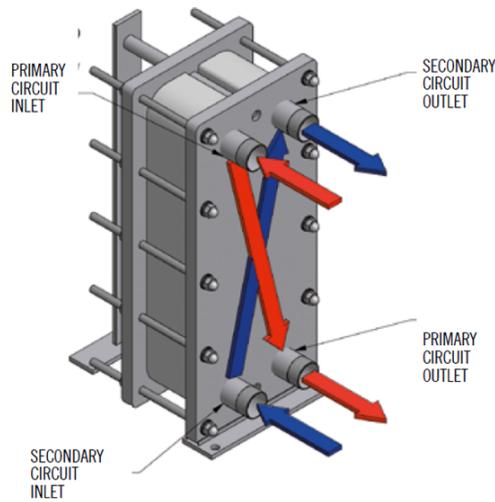


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Model Number	No. of Plates	Plate Thickness (in)	Weight (lbs)	Length (in)	Width (in)	Connection Length (in)	Connection Width (in)
Z2/10	7-45	0.02	$35.93+0.59*N$	18.90	7.09	14.57	2.56
Z2/16	7-55	0.02	$40.78+0.59*N$	18.90	7.09	14.57	2.56
Z3/10	7-101	0.02	$220.46+1.76*N$	30.71	13.38	23.78	5.71
Z3/16	7-101	0.02	$264.55+1.76*N$	30.71	13.38	23.78	5.71
Z4/16	21-151	0.02	$462.97+2.64*N$	40.94	14.57	33.46	6.61