

## EZ PLATE<sup>®</sup> HEAT EXCHANGER - DOUBLE WALL

### PERFORMANCE UNDER DIFFERENT BOILER WATER AND DOMESTIC WATER CONDITIONS

Prefix	Boiler Water Side			Domestic Water Recovery (gallons per hour)						
	Inlet Temp. (°F)	Flow Rate gpm	Pressure Drop psi / (valve size)	40°F to 120°F		40°F to 140°F		40°F to 160°F		
				Recovery	BW Return Temp	Recovery	BW Return Temp	Recovery	BW Return Temp	
2400	125	40	1.0	4.8 With Option 5 (1-1/2")	1108	88	n/a		n/a	
2400	130	40			1435	82	n/a		n/a	
2400	140	40			1908	76	n/a		n/a	
2400	145	40			2113	74	1125	98	n/a	
2400	150	40			2317	72	1387	92	n/a	
2400	160	40			2695	69	1858	82	n/a	
2400	170	40			3038	67	2160	79	1334	103
2400	180	40			3379	65	2400	78.5	1706	94

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	Inlet Temp. (°F)	Flow Rate gpm	Pressure Drop psi / (valve size)	40°F to 120°F		40°F to 140°F		40°F to 160°F		
				Recovery	BW Return Temp	Recovery	BW Return Temp	Recovery	BW Return Temp	
3000	125	50	1.5	7.4 With Option 5 (1-1/2")	1347	89	n/a		n/a	
3000	130	50			1719	84	n/a		n/a	
3000	140	50			2348	77	n/a		n/a	
3000	145	50			2604	75	1317	101	n/a	
3000	150	50			2823	74	1673	94	n/a	
3000	160	50			3294	71	2174	87	n/a	
3000	170	50			3724	69	2610	82	1618	105
3000	180	50			4150	67	3000	78.5	2083	96

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	Inlet Temp. (°F)	Flow Rate gpm	Pressure Drop psi / (valve size)	40°F to 120°F		40°F to 140°F		40°F to 160°F		
				Recovery	BW Return Temp	Recovery	BW Return Temp	Recovery	BW Return Temp	
3600	125	60	1.3	4.0 With Option 5 (2")	1661	88	n/a		n/a	
3600	130	60			2108	83	n/a		n/a	
3600	140	60			2862	76	n/a		n/a	
3600	145	60			3170	74	1616	100	n/a	
3600	150	60			3476	72	2008	94	n/a	
3600	160	60			3997	70	2680	85	n/a	
3600	170	60			4469	69	3204	80	1882	107
3600	180	60			4936	68	3600	78.5	2470	97

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	Inlet Temp. (°F)	Flow Rate gpm	Pressure Drop psi / (valve size)	40°F to 120°F		40°F to 140°F		40°F to 160°F		
				Recovery	BW Return Temp	Recovery	BW Return Temp	Recovery	BW Return Temp	
4500	125	75	1.7	5.8 With Option 5 (2")	1908	91	n/a		n/a	
4500	130	75			2522	85	n/a		n/a	
4500	140	75			3409	79	n/a		n/a	
4500	145	75			3794	77	1885	103	n/a	
4500	150	75			4178	75	2465	95	n/a	
4500	160	75			4830	73	3216	88	n/a	
4500	170	75			5587	69	3872	83	2352	107
4500	180	75			6115	69	4433	80	3050	98

