

EZ PLATE® HEAT EXCHANGER - DOUBLE WALL

PERFORMANCE UNDER DIFFERENT BOILER WATER AND DOMESTIC WATER CONDITIONS

Boiler Water Side				Domestic Water Recovery (gallons per hour)						
Prefix	Inlet Temp. (°F)	Flow Rate gpm	Pressure Drop psi		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	With Option 5 4.8	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	1172	96	n/a	
2400	150	40			2301	72	1412	91	n/a	
2400	160	40			2695	69	1856	82	n/a	
2400	170	40			3038	67	2160	79	1334	103
2400	180	40			3379	65	2400	78.5	1706	94

Boiler Water Side				Domestic Water Recovery (gallons per hour)						
Prefix	Inlet Temp. (°F)	Flow Rate gpm	Pressure Drop psi		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	1.1	With Option 5 7.0	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	1465	96	n/a	
3000	150	50			2823	74	1765	91	n/a	
3000	160	50			3294	71	2320	82	n/a	
3000	170	50			3724	69	2700	79	1618	105
3000	180	50			4150	67	2850	78.5	2083	96

Boiler Water Side				Domestic Water Recovery (gallons per hour)						
Prefix	Inlet Temp. (°F)	Flow Rate gpm	Pressure Drop psi		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	With Option 5 4.0	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	1758	96	n/a	
3600	150	60			3476	72	2118	91	n/a	
3600	160	60			3997	70	2784	82	n/a	
3600	170	60			4469	69	3240	79	1882	107
3600	180	60			4936	68	3600	78.5	2470	97

Boiler Water Side				Domestic Water Recovery (gallons per hour)						
Prefix	Inlet Temp. (°F)	Flow Rate gpm	Pressure Drop psi		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	1.4	With Option 5 5.5	1908	91	n/a		n/a	
4500	130	75			2523	85	n/a		n/a	
4500	140	75			3409	79	n/a		n/a	
4500	145	75			3794	77	2197.5	96	n/a	
4500	150	75			4178	75	2647.5	91	n/a	
4500	160	75			4830	73	3480	82	n/a	
4500	170	75			5813	71	4050	79	2352	107
4500	180	75			6115	69	4500	78.5	3050	98