

EZ PLATE® 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	
600	125	10	0.9	5.1 With Option 5 (3/4")	292	86	n/a		n/a	
600	130	10			366	81	n/a		n/a	
600	140	10			492	74	n/a		n/a	
600	145	10			543	72	293	96	n/a	
600	150	10			594	70	353	91	n/a	
600	160	10			688	67	464	82	n/a	
600	170	10			775	65	540	79	343	101
600	180	10			860	63	600	78.5	442	91

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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	
900	125	15	0.8	4.1 With Option 5 (1")	438	86	n/a		n/a	
900	130	15			549	81	n/a		n/a	
900	140	15			738	74	n/a		n/a	
900	145	15			814.5	72	439.5	96	n/a	
900	150	15			891	70	529.5	91	n/a	
900	160	15			1032	67	696	82	n/a	
900	170	15			1162.5	65	810	79	515	101
900	180	15			1289	63	900	78.5	662	91

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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	
1200	125	20	0.8	6.1 With Option 5 (1")	584	86	n/a		n/a	
1200	130	20			732	81	n/a		n/a	
1200	140	20			984	74	n/a		n/a	
1200	145	20			1086	72	586	96	n/a	
1200	150	20			1188	70	706	91	n/a	
1200	160	20			1376	67	928	82	n/a	
1200	170	20			1550	65	1080	79	687	101
1200	180	20			1719	63	1200	78.5	883	91

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	
1800	125	30	1.1	5.9 With Option 5 (1-1/4")	808	89	n/a		n/a	
1800	130	30			1054	83	n/a		n/a	
1800	140	30			1409	77	n/a		n/a	
1800	145	30			1562	75	879	96	n/a	
1800	150	30			1716	73	1059	91	n/a	
1800	160	30			1999	70	1392	82	n/a	
1800	170	30			2256	68	1620	79	986	104
1800	180	30			2512	66	1800	78.5	1264	95