

EZ PLATE® DUAL 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 / (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
600-2	125	20	0.9	5.1 With Option 5 (3/4")	584	86	n/a		n/a	
600-2	130	20			732	81	n/a		n/a	
600-2	140	20			984	74	n/a		n/a	
600-2	145	20			1086	72	586	96	n/a	
600-2	150	20			1188	70	706	91	n/a	
600-2	160	20			1376	67	928	82	n/a	
600-2	170	20			1550	65	1080	79	686	101
600-2	180	20			1720	63	1200	78.5	884	91

Boiler Water Side *				Domestic Water Recovery (gallons per hour) *						
Prefix	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
900-2	125	30	0.8	4.1 With Option 5 (1")	876	86	n/a		n/a	
900-2	130	30			1098	81	n/a		n/a	
900-2	140	30			1476	74	n/a		n/a	
900-2	145	30			1629	72	879	96	n/a	
900-2	150	30			1782	70	1059	91	n/a	
900-2	160	30			2064	67	1392	82	n/a	
900-2	170	30			2325	65	1620	79	1030	101
900-2	180	30			2578	63	1800	78.5	1324	91

Boiler Water Side *				Domestic Water Recovery (gallons per hour) *						
Prefix	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
1200-2	125	40	0.8	6.1 With Option 5 (1")	1168	86	n/a		n/a	
1200-2	130	40			1464	81	n/a		n/a	
1200-2	140	40			1968	74	n/a		n/a	
1200-2	145	40			2172	72	1172	96	n/a	
1200-2	150	40			2376	70	1412	91	n/a	
1200-2	160	40			2752	67	1856	82	n/a	
1200-2	170	40			3100	65	2160	79	1374	101
1200-2	180	40			3438	63	2400	78.5	1766	91

Boiler Water Side *				Domestic Water Recovery (gallons per hour) *						
Prefix	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
1800-2	125	60	1.1	5.9 With Option 5 (1-1/4")	1616	89	n/a		n/a	
1800-2	130	60			2108	83	n/a		n/a	
1800-2	140	60			2818	77	n/a		n/a	
1800-2	145	60			3124	75	1758	96	n/a	
1800-2	150	60			3432	73	2118	91	n/a	
1800-2	160	60			3998	70	2784	82	n/a	
1800-2	170	60			4512	68	3240	79	1972	104
1800-2	180	60			5024	66	3600	78.5	2528	95

* Shown as total for the Heat exchanger.

** Two valves needed, one per Heat Exchanger.

For redundant systems, see PV8601. PSID does not change.