

# Model: **EZ-50-DW** EZ PLATE<sup>®</sup> PERFORMANCE MATRIX

DOMESTIC WATER INLET-OUTLET (°F)	BOILER WATER INLET TEMP (°F)	DOMESTIC WATER SIDE		BOILER WATER SIDE				
		FLOW (gpm)	TOTAL PRESSURE DROP (psig)	FLOW (gpm)	OUTLET TEMP (°F)	PRESSURE DROP (psig) / (valve size)		
40-120	130	29	1.9	50	83.5	1.2	8.9 With Option 5 (1-1/2")	
	140	39.1	3	50	77			
	150	47.4	4.4	50	73.5			
	160	55.2	5.9	50	70.5			
	170	60.9	6.6	50	71			
	180	66	7.2	50	72.5			
40-140	150	27.6	1.6	50	94.5			
	160	36.5	2.7	50	86.5			
	170	43.8	3.6	50	81.5			
	180	50.2	5	50	78			
40-160	170	27	1.6	50	105			
	180	34.7	2.5	50	96			
50-120	130	31	2	50	86.5	1.2	8.9 With Option 5 (1-1/2")	
	140	41.9	3.5	50	81			
	150	51.3	5.1	50	77.5			
	160	58.9	6.4	50	76.5			
	170	64.7	7.1	50	78			
	180	70.7	8	50	79.5			
50-140	150	29.1	1.8	50	97.5			
	160	38.3	2.9	50	90.5			
	170	46.2	4.1	50	86			
	180	53.4	5.4	50	82.5			
50-160	170	28.1	1.6	50	108			
	180	36.3	2.6	50	99.5			
60-120	130	33.2	2.3	50	90	1.2	8.9 With Option 5 (1-1/2")	
	140	45.6	4.1	50	85			
	150	55.7	6.1	50	82.5			
	160	63	6.9	50	83.5			
	170	69.5	8	50	85.5			
	180	76.4	8.6	50	87			
60-140	150	30.8	2	50	100.5			
	160	40.6	3.2	50	94.5			
	170	49.1	4.7	50	90.5			
	180	57	6.2	50	87.5			
60-160	170	29.1	1.8	50	111.5			
	180	37.9	2.9	50	103.5			

