



SP SERIES- Single Wall Brazed Plate
40°F Inlet DHW

Domestic Water Inlet-Outlet Temp., °F	Boiler Water Inlet Temp., °F	SP Series (SuperPlate) Model	Domestic Water		Boiler Water		
			GPM	Pressure Drop, PSIG	GPM	Outlet Temp., °F	Pressure Drop, PSIG
40-120	125	SPB-46S	11	1	51	108	8
		SPB-64S	13	1	54	106	8
		SPB-84S	18	1	75	106	8
		SPB-122S	23	1	78	101	8
		SPB-180S	29	1	80	96	8
	130	SPB-46S	16	1	51	105	8
		SPB-64S	19	1	54	102	8
		SPB-84S	26	1	75	102	8
		SPB-122S	32	1	78	97	8
		SPB-180S	37	1	80	93	8
	140	SPB-46S	24	2	51	102	8
		SPB-64S	29	2	54	97	8
		SPB-84S	39	1	75	98	8
		SPB-122S	46	1	78	93	8
		SPB-180S	52	2	80	88	8
	150	SPB-46S	32	2	51	100	8
		SPB-64S	37	2	54	95	8
		SPB-84S	51	2	75	96	8
		SPB-122S	58	2	78	91	8
		SPB-180S	66	2	80	84	8
	160	SPB-46S	39	3	51	99	8
		SPB-64S	45	3	54	93	8
		SPB-84S	62	3	75	94	8
		SPB-122S	70	3	78	88	8
		SPB-180S	78	3	80	82	8
	170	SPB-46S	45	4	51	99	8
		SPB-64S	52	4	54	93	8
		SPB-84S	72	3	75	93	8
		SPB-122S	81	3	78	87	8
		SPB-180S	89	4	80	81	8
	180	SPB-46S	52	5	51	98	8
		SPB-64S	59	5	54	93	8
		SPB-84S	82	4	75	93	8
		SPB-122S	92	4	78	86	8
		SPB-180S	101	5	80	79	8
	190	SPB-46S	58	5	51	99	8
		SPB-64S	66	5	54	92	8
		SPB-84S	91	5	75	93	8
		SPB-122S	102	5	78	85	8
		SPB-180S	112	6	80	78	8

Domestic Water Inlet-Outlet Temp., °F	Boiler Water Inlet Temp., °F	SP Series (SuperPlate) Model	Domestic Water		Boiler Water		
			GPM	Pressure Drop, PSIG	GPM	Outlet Temp., °F	Pressure Drop, PSIG
40-120	200	SPB-46S	65	7	51	98	8
		SPB-64S	73	6	54	92	8
		SPB-84S	101	6	75	92	8
		SPB-122S	112	6	78	85	8
		SPB-180S	122	7	80	78	8
	210	SPB-46S	71	8	51	99	8
		SPB-64S	80	7	54	91	8
		SPB-84S	110	7	75	93	8
		SPB-122S	122	7	78	85	8
		SPB-180S	132	8	80	78	8
	220	SPB-46S	77	9	51	99	8
		SPB-64S	86	8	54	93	8
		SPB-84S	120	9	75	92	8
		SPB-122S	132	9	78	85	8
		SPB-180S	143	9	80	77	8
40-130	135	SPB-46S	10	1	51	117	8
		SPB-64S	13	1	54	113	8
		SPB-84S	18	1	75	113	8
		SPB-122S	23	1	78	108	8
		SPB-180S	28	1	80	104	8
	140	SPB-46S	15	1	51	114	8
		SPB-64S	18	1	54	110	8
		SPB-84S	26	1	75	109	8
		SPB-122S	31	1	78	104	8
		SPB-180S	36	1	80	100	8
	150	SPB-46S	23	2	51	109	8
		SPB-64S	27	2	54	105	8
		SPB-84S	38	1	75	104	8
		SPB-122S	44	1	78	99	8
		SPB-180S	50	1	80	94	8
	160	SPB-46S	30	2	51	107	8
		SPB-64S	35	2	54	102	8
		SPB-84S	48	2	75	102	8
		SPB-122S	55	2	78	97	8
		SPB-180S	62	2	80	90	8
	170	SPB-46S	36	3	51	106	8
		SPB-64S	42	3	54	100	8
		SPB-84S	58	2	75	100	8
		SPB-122S	66	2	78	94	8
		SPB-180S	74	3	80	87	8



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			GPM	Pressure Drop, PSIG	GPM	Outlet Temp., °F	Pressure Drop, PSIG
40-130	180	SPB-46S	42	3	51	106	8
		SPB-64S	49	3	54	98	8
		SPB-84S	67	3	75	100	8
		SPB-122S	76	3	78	92	8
		SPB-180S	84	3	80	86	8
	190	SPB-46S	48	4	51	105	8
		SPB-64S	55	4	54	98	8
		SPB-84S	76	4	75	99	8
		SPB-122S	86	4	78	91	8
		SPB-180S	94	4	80	84	8
	200	SPB-46S	54	5	51	105	8
		SPB-64S	61	5	54	98	8
		SPB-84S	85	4	75	98	8
		SPB-122S	95	5	78	90	8
		SPB-180S	104	5	80	83	8
	210	SPB-46S	60	6	51	104	8
		SPB-64S	68	6	54	97	8
		SPB-84S	94	5	75	97	8
		SPB-122S	104	5	78	90	8
		SPB-180S	114	6	80	82	8
220	SPB-46S	65	7	51	105	8	
	SPB-64S	74	6	54	97	8	
	SPB-84S	102	6	75	98	8	
	SPB-122S	113	6	78	90	8	
	SPB-180S	123	7	80	82	8	
40-140	145	SPB-46S	10	1	51	125	8
		SPB-64S	13	1	54	121	8
		SPB-84S	18	1	75	121	8
		SPB-122S	22	1	78	117	8
		SPB-180S	27	1	80	111	8
	150	SPB-46S	15	1	51	121	8
		SPB-64S	18	1	54	117	8
		SPB-84S	25	1	75	117	8
		SPB-122S	30	1	78	112	8
		SPB-180S	35	1	80	106	8
	160	SPB-46S	22	2	51	117	8
		SPB-64S	26	2	54	112	8
		SPB-84S	36	1	75	112	8
		SPB-122S	42	1	78	106	8
		SPB-180S	48	1	80	100	8

Domestic Water Inlet-Outlet Temp., °F	Boiler Water Inlet Temp., °F	SP Series (SuperPlate) Model	Domestic Water		Boiler Water		
			GPM	Pressure Drop, PSIG	GPM	Outlet Temp., °F	Pressure Drop, PSIG
40-140	170	SPB-46S	28	2	51	115	8
		SPB-64S	33	2	54	109	8
		SPB-84S	46	2	75	109	8
		SPB-122S	53	2	78	102	8
		SPB-180S	60	2	80	95	8
	180	SPB-46S	34	3	51	113	8
		SPB-64S	40	3	54	106	8
		SPB-84S	55	2	75	107	8
		SPB-122S	63	2	78	99	8
		SPB-180S	70	2	80	93	8
	190	SPB-46S	40	3	51	112	8
		SPB-64S	46	3	54	105	9
		SPB-84S	64	3	75	105	8
		SPB-122S	72	3	78	98	8
		SPB-180S	80	3	80	90	8
	200	SPB-46S	45	4	51	112	8
		SPB-64S	52	4	54	104	9
		SPB-84S	72	3	75	104	8
		SPB-122S	81	3	78	96	8
		SPB-180S	89	4	80	89	8
210	SPB-46S	51	4	51	110	8	
	SPB-64S	58	4	54	103	8	
	SPB-84S	80	4	75	103	8	
	SPB-122S	89	4	78	96	8	
	SPB-180S	98	4	80	88	8	
220	SPB-46S	56	5	51	110	8	
	SPB-64S	63	5	54	103	8	
	SPB-84S	88	5	75	103	8	
	SPB-122S	98	5	78	94	8	
	SPB-180S	107	5	80	86	8	
40-150	155	SPB-46S	10	1	51	133	8
		SPB-64S	13	1	54	129	8
		SPB-84S	17	1	75	130	8
		SPB-122S	22	1	78	124	8
		SPB-180S	27	1	80	118	8
	160	SPB-46S	14	1	51	130	8
		SPB-64S	18	1	54	123	8
		SPB-84S	24	1	75	125	8
		SPB-122S	29	1	78	119	8
		SPB-180S	34	1	80	113	8



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			GPM	Pressure Drop, PSIG	GPM	Outlet Temp., °F	Pressure Drop, PSIG
40-150	170	SPB-46S	21	1	51	125	8
		SPB-64S	25	2	54	119	8
		SPB-84S	35	1	75	119	8
		SPB-122S	41	1	78	112	8
		SPB-180S	47	1	80	105	8
	180	SPB-46S	27	2	51	122	8
		SPB-64S	32	2	54	115	8
		SPB-84S	44	2	75	115	8
		SPB-122S	51	2	78	108	8
		SPB-180S	58	2	80	100	8
	190	SPB-46S	33	2	51	119	8
		SPB-64S	38	2	54	113	9
		SPB-84S	53	2	75	112	8
		SPB-122S	60	2	78	105	8
		SPB-180S	67	2	80	98	8
	200	SPB-46S	38	3	51	118	8
		SPB-64S	44	3	54	110	9
		SPB-84S	61	3	75	111	8
		SPB-122S	69	3	78	103	8
		SPB-180S	76	3	80	96	8
	210	SPB-46S	43	3	51	117	8
		SPB-64S	49	3	54	110	8
		SPB-84S	68	3	75	110	8
		SPB-122S	77	3	78	101	8
		SPB-180S	85	3	80	93	8
	220	SPB-46S	48	4	51	116	8
		SPB-64S	55	4	54	108	8
		SPB-84S	76	4	75	109	8
		SPB-122S	85	4	78	100	8
		SPB-180S	93	4	80	92	8
40-160	165	SPB-46S	10	1	51	141	8
		SPB-64S	12	1	54	138	8
		SPB-84S	17	1	75	138	8
		SPB-122S	21	1	78	133	8
		SPB-180S	26	1	80	126	8
	170	SPB-46S	14	1	51	137	8
		SPB-64S	17	1	54	132	8
		SPB-84S	24	1	75	132	8
		SPB-122S	29	1	78	125	8
		SPB-180S	34	1	80	119	8



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			GPM	Pressure Drop, PSIG	GPM	Outlet Temp., °F	Pressure Drop, PSIG
40-160	180	SPB-46S	21	1	51	131	8
		SPB-64S	25	2	54	124	8
		SPB-84S	34	1	75	126	8
		SPB-122S	40	1	78	118	8
		SPB-180S	46	1	80	111	8
	190	SPB-46S	26	2	51	129	8
		SPB-64S	31	2	54	121	8
		SPB-84S	43	1	75	121	8
		SPB-122S	49	2	78	115	8
		SPB-180S	56	2	80	106	8
	200	SPB-46S	31	2	51	127	8
		SPB-64S	37	2	54	118	8
		SPB-84S	51	2	75	118	8
		SPB-122S	58	2	78	111	8
		SPB-180S	65	2	80	103	8
	210	SPB-46S	36	3	51	125	8
		SPB-64S	42	3	54	117	8
		SPB-84S	58	2	75	117	8
		SPB-122S	66	2	78	108	8
		SPB-180S	73	3	80	101	8
220	SPB-46S	41	3	51	124	8	
	SPB-64S	47	3	54	116	8	
	SPB-84S	65	3	75	116	8	
	SPB-122S	73	3	78	108	8	
	SPB-180S	81	3	80	99	8	
40-170	175	SPB-46S	10	1	51	150	8
		SPB-64S	12	1	54	146	8
		SPB-84S	17	1	75	146	8
		SPB-122S	21	1	78	140	8
		SPB-180S	26	1	80	133	8
	180	SPB-46S	14	1	51	144	8
		SPB-64S	17	1	54	139	8
		SPB-84S	23	1	75	140	8
		SPB-122S	28	1	78	133	8
		SPB-180S	33	1	80	126	8
	190	SPB-46S	20	1	51	139	8
		SPB-64S	24	1	54	132	8
		SPB-84S	33	1	75	133	8
		SPB-122S	39	1	78	125	8
		SPB-180S	45	1	80	117	8



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			GPM	Pressure Drop, PSIG	GPM	Outlet Temp., °F	Pressure Drop, PSIG
40-170	200	SPB-46S	26	2	51	134	8
		SPB-64S	30	2	54	128	8
		SPB-84S	41	1	75	129	8
		SPB-122S	48	1	78	120	8
		SPB-180S	54	2	80	112	8
	210	SPB-46S	30	2	51	134	8
		SPB-64S	35	2	54	126	8
		SPB-84S	49	2	75	125	8
		SPB-122S	56	2	78	117	8
		SPB-180S	63	2	80	108	8
	220	SPB-46S	35	3	51	131	8
		SPB-64S	40	3	54	124	8
		SPB-84S	56	2	75	123	8
		SPB-122S	63	2	78	115	8
		SPB-180S	71	2	80	105	8
40-180	185	SPB-46S	10	1	51	158	8
		SPB-64S	12	1	54	154	8
		SPB-84S	17	1	75	153	8
		SPB-122S	21	1	78	147	8
		SPB-180S	26	1	80	140	8
	190	SPB-46S	14	1	51	152	8
		SPB-64S	17	1	54	146	8
		SPB-84S	23	1	75	147	8
		SPB-122S	28	1	78	140	8
		SPB-180S	33	1	80	132	8
	200	SPB-46S	20	1	51	145	8
		SPB-64S	24	1	54	138	8
		SPB-84S	33	1	75	138	8
		SPB-122S	38	1	78	132	8
		SPB-180S	44	1	80	123	8
	210	SPB-46S	25	2	51	141	8
		SPB-64S	29	2	54	135	8
		SPB-84S	40	1	75	135	8
		SPB-122S	47	1	78	126	8
		SPB-180S	53	2	80	117	8
	220	SPB-46S	29	2	51	140	8
		SPB-64S	34	2	54	132	8
		SPB-84S	47	2	75	132	8
		SPB-122S	54	2	80	126	8
		SPB-180S	61	2	80	113	8