



P-K COMPACT - SINGLE WALL STEAM TO WATER DESIGN CAPACITY TABLES

Published July 31, 2017

Steam Line Pressure (psig)		2	5	10	15	25	40	50	75	100
Steam Pressure in Heating Section (psig)		0	2	5	10	15	25	30	50	65
Heater Size	Temp. Range	Domestic Water Flow (GPM)								
PK06S	40 to 120	33	36	40	47	54	65	67	68	68
PK08S		67	75	86	104	122	136	137	137	137
PK10S		113	126	145	175	204	217	217	217	217
PK12S		170	189	218	263	307	390	420	420	420
PK06S	40 to 140	17	19	22	26	29	34	37	49	57
PK08S		47	52	58	67	80	99	103	115	122
PK10S		91	101	116	140	163	180	187	209	218
PK12S		136	152	174	211	245	312	345	412	421
PK06S	40 to 160	9	10	12	15	17	22	23	28	32
PK08S		25	28	33	40	46	55	60	83	93
PK10S		66	74	84	104	119	134	140	159	170
PK12S		113	126	145	175	205	260	276	315	337
PK06S	40 to 180	4	5	6	8	10	13	15	19	22
PK08S		12	14	18	23	28	35	39	48	57
PK10S		34	40	49	61	70	90	102	123	133
PK12S		68	81	98	127	164	200	211	245	264
Heater Size	Temp. Range	Domestic Water Flow (GPM)								
PK06S	50 to 120	40	45	51	61	66	68	68	68	68
PK08S		77	86	99	119	137	137	137	137	137
PK10S		130	144	166	200	217	217	217	217	217
PK12S		194	216	249	301	351	421	421	421	421
PK06S	50 to 140	21	23	27	31	35	42	46	59	63
PK08S		56	61	69	84	96	106	110	124	132
PK10S		101	112	129	156	174	193	200	218	218
PK12S		151	168	194	234	273	347	383	422	422
PK06S	50 to 160	10	12	14	17	20	25	27	33	38
PK08S		28	33	38	46	53	64	71	92	99
PK10S		74	83	95	115	126	141	148	168	180
PK12S		124	138	158	191	223	279	292	333	357
PK06S	50 to 180	5	6	7	10	12	15	17	22	24
PK08S		13	16	20	26	31	40	43	54	66
PK10S		37	45	54	67	77	102	109	128	138
PK12S		75	89	108	144	178	208	219	255	276



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Heater Size	Temp. Range	Domestic Water Flow (GPM)								
PK06S	60 to 120	47	52	60	68	68	68	68	68	68
PK08S		90	100	115	138	137	137	137	137	137
PK10S		151	168	194	218	218	218	218	218	218
PK12S		227	253	290	351	409	421	421	421	421
PK06S	60 to 140	26	28	32	38	42	54	57	65	68
PK08S		67	74	84	97	104	115	120	135	138
PK10S		113	126	145	175	188	209	218	218	218
PK12S		170	190	218	263	307	391	422	422	422
PK06S	60 to 160	12	14	17	20	24	29	31	39	47
PK08S		33	38	44	53	61	77	85	98	105
PK10S		84	94	107	122	133	149	156	179	192
PK12S		136	152	174	211	246	295	310	355	381
PK06S	60 to 180	5	6	8	11	13	17	19	24	27
PK08S		15	18	23	30	35	45	48	63	77
PK10S		42	49	60	74	86	108	115	134	145
PK12S		83	99	120	165	188	217	229	267	290
Heater Size	Temp. Range	Domestic Water Flow (GPM)								
PK06S	70 to 120	56	63	68	68	68	68	68	68	68
PK08S		108	120	138	138	138	138	138	138	138
PK10S		181	202	218	218	218	218	218	218	218
PK12S		272	303	348	421	422	422	422	422	422
PK06S	70 to 140	32	35	40	47	54	61	63	68	68
PK08S		77	86	96	106	114	126	132	138	138
PK10S		130	144	166	192	206	218	218	218	218
PK12S		194	217	249	301	351	422	422	422	422
PK06S	70 to 160	14	17	20	24	28	34	37	49	54
PK08S		39	45	52	62	70	88	92	105	113
PK10S		97	106	115	129	141	160	167	192	206
PK12S		151	168	194	234	273	316	331	381	410
PK06S	70 to 180	6	7	9	13	15	20	22	28	31
PK08S		17	21	26	34	40	51	55	74	84
PK10S		46	55	67	83	95	114	121	141	153
PK12S		93	111	133	175	196	228	241	282	306



P-K COMPACT - DOUBLE WALL STEAM TO WATER DESIGN CAPACITY TABLES

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Steam Line Pressure (psig)		2	5	10	15	25	40	50	75	100
Steam Pressure in Heating Section (psig)		0	2	5	10	15	25	30	50	65
Heater Size	Temp. Range	Domestic Water Flow (GPM)								
PK06D	40 to 120	20	22	24	28	32	36	36	36	36
PK08D		40	45	52	62	73	82	87	87	87
PK10D		68	76	87	105	109	109	109	109	109
PK12D		102	113	131	158	181	181	181	181	181
PK06D	40 to 140	10	11	13	16	17	20	22	29	34
PK08D		28	31	35	40	48	59	62	69	73
PK10D		55	61	70	84	98	108	109	109	109
PK12D		82	91	104	127	147	181	181	181	181
PK06D	40 to 160	5	6	7	9	10	13	14	17	19
PK08D		15	17	20	24	28	33	36	50	56
PK10D		40	44	50	62	71	80	84	95	102
PK12D		68	76	87	105	123	156	166	181	181
PK06D	40 to 180	2	3	4	5	6	8	9	11	13
PK08D		7	8	11	14	17	21	23	29	34
PK10D		20	24	29	37	42	54	61	74	80
PK12D		41	49	59	76	98	120	127	147	158
Heater Size	Temp. Range	Domestic Water Flow (GPM)								
PK06D	50 to 120	24	27	31	36	36	36	36	36	36
PK08D		46	52	59	71	87	87	87	87	87
PK10D		78	86	100	109	109	109	109	109	109
PK12D		116	130	149	181	181	181	181	181	181
PK06D	50 to 140	13	14	16	19	21	25	28	35	36
PK08D		34	37	41	50	58	64	66	74	79
PK10D		61	67	77	94	104	109	109	109	109
PK12D		91	101	116	140	164	181	181	181	181
PK06D	50 to 160	6	7	8	10	12	15	16	20	23
PK08D		17	20	23	28	32	38	43	55	59
PK10D		44	50	57	69	76	85	89	101	108
PK12D		74	83	95	115	134	167	175	181	181
PK06D	50 to 180	3	4	4	6	70	9	10	13	14
PK08D		8	10	12	16	19	24	26	32	40
PK10D		22	27	32	40	46	61	65	77	83
PK12D		45	53	65	86	107	125	131	153	166



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Heater Size	Temp. Range	Domestic Water Flow (GPM)								
PK06D	60 to 120	28	31	36	36	36	36	36	36	36
PK08D		54	60	69	82	87	87	87	87	87
PK10D		91	101	109	109	109	109	109	109	109
PK12D		136	152	174	183	183	183	183	183	183
PK06D	60 to 140	16	17	19	23	25	32	34	36	36
PK08D		40	44	50	58	62	69	72	81	83
PK10D		68	76	87	105	109	109	109	109	109
PK12D		102	114	131	158	183	183	183	183	183
PK06D	60 to 160	7	8	10	12	14	17	19	23	28
PK08D		20	23	26	32	37	46	51	59	63
PK10D		50	56	64	73	80	89	94	107	109
PK12D		82	91	104	127	148	177	183	183	183
PK06D	60 to 180	3	4	5	7	8	10	11	14	16
PK08D		9	11	14	18	21	27	29	38	46
PK10D		25	29	36	44	52	65	69	80	87
PK12D		50	59	72	99	113	130	137	160	174
Heater Size	Temp. Range	Domestic Water Flow (GPM)								
PK06D	70 to 120	34	36	36	36	36	36	36	36	36
PK08D		65	72	83	87	87	87	87	87	87
PK10D		109	109	109	109	109	109	109	109	109
PK12D		163	183	183	183	183	183	183	183	183
PK06D	70 to 140	19	21	24	28	32	36	36	36	36
PK08D		46	52	58	64	68	76	79	83	87
PK10D		78	86	100	109	109	109	109	109	109
PK12D		116	130	149	181	183	183	183	183	183
PK06D	70 to 160	8	10	12	14	17	20	22	29	32
PK08D		23	27	31	37	42	53	55	63	68
PK10D		58	64	69	77	85	96	100	109	109
PK12D		91	101	116	140	164	183	183	183	183
PK06D	70 to 180	4	4	5	8	9	12	13	17	19
PK08D		10	13	16	20	24	31	33	44	50
PK10D		28	33	40	50	57	68	73	85	92
PK12D		56	67	80	105	118	137	145	169	183