



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

Published July 31, 2017

		Domestic Water		Boiler Water		PASS	Domestic Water		Boiler Water		PASS
		DWF (GPM)	PD (PSI)	BWF(GPM)	PD (PSI)		DWF (GPM)	PD (PSI)	BWF (GPM)	PD (PSI)	
Heater Size	Temp.Range	180° F to 160° F					190° F to 170° F				
PK06S	40 to 120	12	0.3	48	5.9	4	13	0.3	51	6.8	4
PK08S		25	0.3	99	6.9	4	37	0.6	149	1.9	2
PK10S		74	0.9	293	2.6	2	83	1.2	332	3.3	2
PK12S		125	0.7	500	3.7	2	125	0.7	499	3.7	2
PK06S	40 to 140	5	0.1	23	4.7	6	6	0.1	31	2.6	4
PK08S		12	0.1	60	2.6	4	20	0.2	99	6.8	4
PK10S		33	0.2	167	6.9	4	41	0.3	202	1.3	2
PK12S		64	0.2	320	1.6	2	100	0.5	499	3.6	2
PK06S	40 to 160						3	0.1	16	5.7	8
PK08S		4	0.1	21	2.7	8	7	0.1	42	4.3	6
PK10S		10	0.1	60	7.5	8	20	0.1	117	3.5	4
PK12S		22	0.1	134	7.5	6	42	0.1	249	7.5	4
PK06S	40 to 180										
PK08S											
PK10S											
PK12S											
Heater Size	Temp.Range	200° F to 180° F					210° F to 190° F				
PK06S	40 to 120	17	0.5	69	1.5	2	25	1	97	2.9	2
PK08S		50	1	197	3.3	2	49	1	196	3.3	2
PK10S		83	1.2	331	3.3	2	83	1.2	330	3.3	2
PK12S		125	0.7	497	3.6	2	125	0.7	495	3.6	2
PK06S	40 to 140	10	0.2	49	6.1	4	10	0.2	51	6.7	4
PK08S		21	0.2	104	0.9	2	32	0.4	157	2.1	2
PK10S		66	0.7	327	3.2	2	67	0.8	330	3.3	2
PK12S		100	0.5	497	3.6	2	100	0.5	495	3.6	2
PK06S	40 to 160	4	0.1	25	5.7	6	6	0.1	34	3	4
PK08S		11	0.1	67	3.2	4	16	0.1	98	6.7	4
PK10S		28	0.1	166	6.8	4	39	0.3	233	1.7	2
PK12S		64	0.2	379	2.1	2	83	0.3	495	3.6	2
PK06S	40 to 180						3	0.1	19	7.3	8
PK08S		4	0.1	25	3.8	8	7	0.1	48	5.6	6
PK10S		10	0.1	68	4	6	20	0.1	136	4.7	4
PK12S		21	0.1	145	2.7	4	36	0.1	248	7.4	4



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		DWF (GPM)	PD (PSI)	BWF(GPM)	PD (PSI)		DWF (GPM)	PD (PSI)	BWF (GPM)	PD (PSI)	
Heater Size	Temp.Range	220° F to 200° F					230° F to 210° F				
PK06S	40 to 120	26	1.1	102	3.2	2	26	1.1	101	3.2	2
PK08S		49	1	196	3.2	2	49	1	195	3.2	2
PK10S		83	1.2	329	3.3	2	83	1.2	327	3.3	2
PK12S		124	0.7	493	3.6	2	124	0.7	491	3.6	2
PK06S	40 to 140	14	0.4	70	1.5	2	19	0.7	96	2.9	2
PK08S		39	0.7	196	3.2	2	39	0.7	195	3.2	2
PK10S		66	0.7	329	3.3	2	66	0.7	327	3.2	2
PK12S		100	0.5	493	3.6	2	99	0.5	491	3.6	2
PK06S	40 to 160	9	0.1	51	6.6	4	9	0.1	52	0.9	2
PK08S		19	0.2	114	1.1	2	28	0.3	168	2.4	2
PK10S		55	0.5	329	3.2	2	55	0.5	327	3.2	2
PK12S		83	0.3	493	3.6	2	83	0.3	491	3.6	2
PK06S	40 to 180	4	0.1	28	6.9	6	5	0.1	37	3.5	4
PK08S		11	0.1	75	4	4	14	0.1	97	6.6	4
PK10S		24	0.1	164	6.7	4	38	0.3	266	2.2	2
PK12S		64	0.2	441	2.9	2	71	0.2	491	3.5	2
Heater Size	Temp.Range	240° F to 220° F									
PK06S	40 to 120	26	1.1	101	3.2	2					
PK08S		49	1	194	3.2	2					
PK10S		82	1.1	326	3.2	2					
PK12S		124	0.7	489	3.6	2					
PK06S	40 to 140	20	0.7	101	3.2	2					
PK08S		39	0.7	194	3.2	2					
PK10S		66	0.7	326	3.2	2					
PK12S		99	0.4	489	3.6	2					
PK06S	40 to 160	12	0.3	72	1.7	2					
PK08S		33	0.5	194	3.2	2					
PK10S		55	0.5	326	3.2	2					
PK12S		83	0.3	489	3.5	2					
PK06S	40 to 180	7	0.1	50	6.5	4					
PK08S		18	0.1	126	1.4	2					
PK10S		47	0.4	326	3.2	2					
PK12S		71	0.2	489	3.5	2					



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		Domestic Water		Boiler Water		PASS	Domestic Water		Boiler Water		PASS
		DWF (GPM)	PD (PSI)	BWF(GPM)	PD (PSI)		DWF (GPM)	PD (PSI)	BWF (GPM)	PD (PSI)	
Heater Size	Temp.Range	200° F to 160° F					210° F to 170° F				
PK06S	40 to 120	15	0.4	29	7.5	6	17	0.5	33	3	4
PK08S		36	0.6	71	3.6	4	50	1	99	6.8	4
PK10S		83	1.2	166	6.9	4	83	1.2	166	6.9	4
PK12S		145	0.9	289	1.3	2	216	2.1	429	2.8	2
PK06S	40 to 140	6	0.1	15	4.7	8	8	0.1	20	3.7	6
PK08S		17	0.1	41	4.2	6	22	0.2	56	7.5	6
PK10S		38	0.3	95	2.4	4	63	0.7	156	6.1	4
PK12S		100	0.5	248	7.5	4	100	0.5	248	7.5	4
PK06S	40 to 160	2	0.1	6	0.8	8	4	0.1	10	2.4	8
PK08S		5	0.1	16	1.6	8	10	0.1	31	5.7	8
PK10S		17	0.1	52	5.7	8	29	0.2	87	6.6	6
PK12S		39	0.1	116	5.8	6	59	0.2	176	3.9	4
PK06S	40 to 180										
PK08S											
PK10S											
PK12S											
Heater Size	Temp.Range	220° F to 180° F					230° F to 190° F				
PK06S	40 to 120	34	2	51	6.7	4	34	2	51	6.7	4
PK08S		66	1.8	98	6.7	4	87	3.1	130	1.5	2
PK10S		141	3.3	210	1.4	2	167	4.5	249	1.9	2
PK12S		305	4	454	3.1	2	332	4.7	493	3.6	2
PK06S	40 to 140	15	0.4	29	7.5	6	21	0.8	42	4.6	4
PK08S		45	0.9	90	5.6	4	49	1	98	6.7	4
PK10S		83	1.2	165	6.8	4	93	1.4	184	1.1	2
PK12S		184	1.5	365	2	2	224	2.2	445	2.9	2
PK06S	40 to 160	7	0.1	18	7.1	8	10	0.2	25	5.6	6
PK08S		21	0.2	51	6.3	6	25	0.3	62	2.7	4
PK10S		48	0.4	119	3.6	4	66	0.7	164	6.7	4
PK12S		100	0.5	248	7.4	4	107	0.5	264	1.1	2
PK06S	40 to 180	2	0.1	7	1.1	8	4	0.1	12	3.3	8
PK08S		6	0.1	19	2.2	8	12	0.1	36	7.5	8
PK10S		20	0.1	60	7.5	8	31	0.2	94	7.5	6
PK12S		45	0.1	134	7.5	6	73	0.2	216	5.7	4



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		Domestic Water		Boiler Water		PASS	Domestic Water		Boiler Water		PASS
		DWF (GPM)	PD (PSI)	BWF(GPM)	PD (PSI)		DWF (GPM)	PD (PSI)	BWF (GPM)	PD (PSI)	
Heater Size	Temp.Range	220° F to 180° F					230° F to 190° F				
PK06S	40 to 120	24	1	47	5.8	4	26	1.1	51	6.7	4
PK08S		49	1	98	6.8	4	53	1.2	106	1	2
PK10S		109	2	217	1.5	2	140	3.2	278	2.4	2
PK12S		249	2.7	495	3.6	2	249	2.7	493	3.6	2
PK06S	40 to 140	12	0.2	29	7.5	6	14	0.3	34	3.1	4
PK08S		31	0.4	76	4.1	4	39	0.7	98	6.7	4
PK10S		67	0.8	165	6.8	4	68	0.8	167	0.9	2
PK12S		135	0.8	334	1.7	2	198	1.7	490	3.6	2
PK06S	40 to 160	5	0.1	16	5.6	8	7	0.1	22	4.2	6
PK08S		15	0.1	46	5.1	6	19	0.2	56	7.5	6
PK10S		37	0.2	111	3.1	4	55	0.5	164	6.8	4
PK12S		83	0.3	248	7.5	4	85	0.3	252	1	2
PK06S	40 to 180	2	0.1	7	1.2	8	3	0.1	12	3.1	8
PK08S		6	0.1	19	2.2	8	10	0.1	35	7.2	8
PK10S		17	0.1	60	7.5	8	27	0.1	93	7.5	6
PK12S		38	0.1	134	7.5	6	60	0.2	207	5.3	4
Heater Size	Temp.Range	240° F to 200° F									
PK06S	40 to 120	26	1.1	51	6.7	4					
PK08S		73	2.2	144	1.8	2					
PK10S		160	4.2	318	3.1	2					
PK12S		248	2.7	491	3.6	2					
PK06S	40 to 140	19	0.6	47	5.8	4					
PK08S		39	0.7	97	6.7	4					
PK10S		97	1.6	239	1.8	2					
PK12S		199	1.7	491	3.6	2					
PK06S	40 to 160	10	0.2	29	7.5	6					
PK08S		27	0.3	81	4.7	4					
PK10S		55	0.5	164	6.7	4					
PK12S		129	0.8	384	2.2	2					
PK06S	40 to 180	5	0.1	18	6.7	8					
PK08S		15	0.1	51	6.2	6					
PK10S		37	0.2	127	4.1	4					
PK12S		71	0.2	246	7.4	4					



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		Domestic Water		Boiler Water		PASS	Domestic Water		Boiler Water		PASS
		DWF (GPM)	PD (PSI)	BWF(GPM)	PD (PSI)		DWF (GPM)	PD (PSI)	BWF (GPM)	PD (PSI)	
Heater Size	Temp.Range	200° F to 160° F					210° F to 170° F				
PK06S	60 to 120	20	0.7	29	7.5	6	29	1.4	44	4.9	4
PK08S		59	1.5	88	5.5	4	66	1.8	99	6.8	4
PK10S		111	2	166	6.9	4	111	2	166	6.9	4
PK12S		205	1.9	306	1.4	2	256	2.8	381	2.2	2
PK06S	60 to 140	9	0.1	17	6.4	8	12	0.3	24	5.3	6
PK08S		24	0.2	47	5.4	6	29	0.4	57	2.3	4
PK10S		52	0.5	103	2.7	4	83	1.2	166	6.8	4
PK12S		125	0.7	249	7.5	4	125	0.7	248	7.5	4
PK06S	60 to 160	2	0.1	6	0.8	8	4	0.1	11	2.6	8
PK08S		7	0.1	16	1.6	8	14	0.1	34	6.8	8
PK10S		22	0.1	54	5.9	8	37	0.2	93	7.4	6
PK12S		48	0.1	118	5.9	6	74	0.3	183	4.2	4
PK06S	60 to 180										
PK08S											
PK10S											
PK12S											
Heater Size	Temp.Range	220° F to 180° F					230° F to 190° F				
PK06S	60 to 120	34	2	51	6.7	4	34	2	51	6.7	4
PK08S		66	1.8	98	6.7	4	87	3.1	130	1.5	2
PK10S		141	3.3	210	1.4	2	167	4.5	249	1.9	2
PK12S		305	4	454	3.1	2	332	4.7	493	3.6	2
PK06S	60 to 140	15	0.4	29	7.5	6	21	0.8	42	4.6	4
PK08S		45	0.9	90	5.6	4	49	1	98	6.7	4
PK10S		83	1.2	165	6.8	4	93	1.4	184	1.1	2
PK12S		184	1.5	365	2	2	224	2.2	445	2.9	2
PK06S	60 to 160	7	0.1	18	7.1	8	10	0.2	25	5.6	6
PK08S		21	0.2	51	6.3	6	25	0.3	62	2.7	4
PK10S		48	0.4	119	3.6	4	66	0.7	164	6.7	4
PK12S		100	0.5	248	7.4	4	107	0.5	264	1.1	2
PK06S	60 to 180	2	0.1	7	1.1	8	4	0.1	12	3.3	8
PK08S		6	0.1	19	2.2	8	12	0.1	36	7.5	8
PK10S		20	0.1	60	7.5	8	31	0.2	94	7.5	6
PK12S		45	0.1	134	7.5	6	73	0.2	216	5.7	4



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		Domestic Water		Boiler Water		PASS
		DWF (GPM)	PD (PSI)	BWF(GPM)	PD (PSI)	
Heater Size	Temp.Range	220° F to 180° F				
PK06S	60 to 120	41	2.8	61	1.2	2
PK08S		108	4.7	160	2.2	2
PK10S		194	6	287	2.5	2
PK12S		331	4.7	491	3.6	2
PK06S	60 to 140	26	1.1	51	6.6	4
PK08S		49	1	97	6.7	4
PK10S		124	2.5	244	1.8	2
PK12S		248	2.7	491	3.6	2
PK06S	60 to 160	12	0.2	29	2.3	4
PK08S		38	0.6	94	6.1	4
PK10S		66	0.7	164	6.7	4
PK12S		167	1.2	413	2.5	2
PK06S	60 to 180	6	0.1	19	7.5	8
PK08S		19	0.2	56	7.5	6
PK10S		49	0.4	135	4.6	4
PK12S		83	0.3	246	7.3	4



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

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		Domestic Water		Boiler Water		PASS	Domestic Water		Boiler Water		PASS
		DWF (GPM)	PD (PSI)	BWF(GPM)	PD (PSI)		DWF (GPM)	PD (PSI)	BWF (GPM)	PD (PSI)	
Heater Size	Temp Range	180° F to 160° F					190° F to 170° F				
PK06D	40 to 120	7	0.1	29	5.4	4	8	0.1	32	6.2	4
PK08D		15	0.1	62	6.5	4	22	0.2	89	1.8	2
PK10D		44	0.3	186	2.4	2	50	0.4	205	3	2
PK12D		75	0.2	308	3.3	2	75	0.2	308	3.3	2
PK06D	40 to 140	3	0.1	16	4.3	6	4	0.1	21	4.2	6
PK08D		7	0.1	36	2.4	4	12	0.1	62	6.4	4
PK10D		20	0.1	102	6.3	4	25	0.1	127	1.2	2
PK12D		39	0.1	198	1.4	2	60	0.2	308	3.2	2
PK06D	40 to 160										
PK08D		3	0.1	19	1.8	6	4	0.1	25	4	6
PK10D		6	0.1	37	6.8	8	12	0.1	75	5.7	6
PK12D		13	0.1	80	6.7	6	25	0.1	154	6.7	4
PK06D	40 to 180										
PK08D											
PK10D											
PK12D											
Heater Size	Temp Range	200° F to 180° F					210° F to 190° F				
PK06D	40 to 120	10	0.2	42	1.4	2	15	0.4	63	2.6	2
PK08D		30	0.4	123	3.1	2	30	0.4	123	3.1	2
PK10D		50	0.4	205	3	2	50	0.4	205	3	2
PK12D		75	0.2	308	3.3	2	75	0.2	308	3.3	2
PK06D	40 to 140	6	0.1	31	5.6	4	6	0.1	31	5.6	4
PK08D		13	0.1	67	0.8	2	19	0.2	98	2	2
PK10D		40	0.2	205	2.9	2	40	0.2	205	2.9	2
PK12D		60	0.2	308	3.2	2	60	0.2	308	3.2	2
PK06D	40 to 160	2	0.1	13	5.2	6	4	0.1	25	2.7	4
PK08D		7	0.1	43	3	4	10	0.1	62	6.3	4
PK10D		17	0.1	105	6.2	4	24	0.1	148	1.5	2
PK12D		39	0.1	240	1.9	2	50	0.2	308	3.2	2
PK06D	40 to 180										
PK08D		2	0.1	13	2.6	6	4	0.1	29	5.2	6
PK10D		6	0.1	44	3.6	6	12	0.1	86	4.3	4
PK12D		13	0.1	93	4.3	6	22	0.1	158	6.6	4



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		Domestic Water		Boiler Water		PASS	Domestic Water		Boiler Water		PASS
		DWF (GPM)	PD (PSI)	BWF(GPM)	PD (PSI)		DWF (GPM)	PD (PSI)	BWF (GPM)	PD (PSI)	
Heater Size	Temp Range	220° F to 200° F					230° F to 210° F				
PK06D	40 to 120	16	0.4	66	2.9	2	16	0.4	66	2.9	2
PK08D		30	0.4	123	3.1	2	30	0.4	123	3.1	2
PK10D		50	0.4	205	3	2	50	0.4	205	3	2
PK12D		75	0.2	308	3.3	2	75	0.2	308	3.3	2
PK06D	40 to 140	9	0.2	47	1.4	2	12	0.2	62	2.6	2
PK08D		24	0.3	123	3	2	24	0.3	123	3	2
PK10D		40	0.2	205	2.9	2	40	0.2	205	2.9	2
PK12D		60	0.2	308	3.2	2	60	0.2	308	3.2	2
PK06D	40 to 160	5	0.1	31	7.5	4	5	0.1	31	7.5	4
PK08D		12	0.1	75	1	2	17	0.1	105	2.2	2
PK10D		33	0.2	205	2.9	2	33	0.2	205	2.9	2
PK12D		50	0.2	308	3.2	2	50	0.2	308	3.2	2
PK06D	40 to 180	2	0.1	15	6.3	6	3	0.1	22	5.7	6
PK08D		7	0.1	51	3.7	4	9	0.1	66	6.2	4
PK10D		15	0.1	108	6.1	4	23	0.1	166	2	2
PK12D		39	0.1	282	2.6	2	43	0.1	308	3.1	2
Heater Size	Temp Range	200° F to 160° F					210° F to 170° F				
PK06D	40 to 120	9	0.2	19	6.8	6	10	0.2	21	1.1	6
PK08D		22	0.2	46	3.4	4	30	0.4	62	6.4	4
PK10D		50	0.4	103	6.3	2	50	0.4	103	6.3	2
PK12D		87	0.3	180	1.2	2	130	0.8	270	2.5	2
PK06D	40 to 140	4	0.1	11	3.1	6	5	0.1	13	3.4	6
PK08D		11	0.1	29	3.9	6	14	0.1	36	7	6
PK10D		23	0.1	60	2.2	4	38	0.2	98	5.5	4
PK12D		60	0.2	155	6.7	4	60	0.2	155	6.7	4
PK06D	40 to 160						2	0.1	7	1.6	6
PK08D		3	0.1	10	1.5	8	6	0.1	20	5.3	8
PK10D		10	0.1	31	5.2	8	18	0.1	54	6	6
PK12D		24	0.1	75	5.2	6	36	0.1	112	3.5	4
PK06D	40 to 180										
PK08D											
PK10D											
PK12D											



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

Published July 31, 2017

		Domestic Water		Boiler Water		PASS	Domestic Water		Boiler Water		PASS
		DWF (GPM)	PD (PSI)	BWF(GPM)	PD (PSI)		DWF (GPM)	PD (PSI)	BWF (GPM)	PD (PSI)	
Heater Size	Temp Range	220° F to 180° F					230° F to 190° F				
PK06D	40 to 120	15	0.4	31	5.3	4	16	0.4	33	6.1	4
PK08D		30	0.4	62	3.3	4	32	0.4	66	0.9	2
PK10D		66	0.7	136	1.4	2	84	1.2	174	2.2	2
PK12D		150	0.9	308	3.2	2	150	0.9	308	3.2	2
PK06D	40 to 140	7	0.1	18	6.8	6	9	0.2	24	5.1	6
PK08D		19	0.2	49	3.8	4	24	0.2	62	6.3	4
PK10D		41	0.2	108	8	4	41	0.3	108	8	4
PK12D		81	0.3	210	0.8	2	119	0.7	308	3.2	2
PK06D	40 to 160	3	0.1	10	3.7	6	4	0.1	13	3.8	6
PK08D		9	0.1	28	4.8	6	12	0.1	38	7	6
PK10D		23	0.1	72	2.8	4	33	0.1	102	6.2	4
PK12D		50	0.2	155	6.7	4	51	0.2	160	0.9	4
PK06D	40 to 180										
PK08D		4	0.1	15	2.1	8	6	0.1	22	6.7	8
PK10D		10	0.1	37	6.8	8	17	0.1	62	6.8	6
PK12D		23	0.1	83	6.7	6	36	0.1	130	4.7	4
Heater Size	Temp Range	210° F to 190° F					220° F to 200° F				
PK06D	60 to 120	12	0.3	19	6.8	6	18	0.4	28	4.5	4
PK08D		36	0.6	56	5.2	4	40	0.7	63	6.4	4
PK10D		67	0.7	104	6.3	4	67	0.7	104	6.3	4
PK12D		123	0.7	192	1.2	2	154	0.9	240	2	2
PK06D	60 to 140	5	0.1	11	5.8	6	7	0.1	15	4.8	6
PK08D		15	0.1	31	5.1	6	18	0.1	38	2.2	4
PK10D		32	0.1	67	2.5	4	50	0.4	104	6.2	4
PK12D		75	0.2	156	6.7	4	75	0.2	156	6.7	4
PK06D	60 to 160						2	0.1	5	2.4	6
PK08D		4	0.1	11	1.5	8	9	0.1	24	6.4	8
PK10D		14	0.1	35	5.4	8	23	0.1	61	6.7	6
PK12D		29	0.1	75	5.2	6	45	0.1	117	6.6	6
PK06D	60 to 180										
PK08D											
PK10D											
PK12D											



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

Published July 31, 2017

		Domestic Water		Boiler Water		PASS
		DWF (GPM)	PD (PSI)	BWF(GPM)	PD (PSI)	
Heater Size	Temp Range	230° F to 210° F				
PK06D	60 to 120	21	0.7	33	6.1	4
PK08D		40	0.7	63	6.4	4
PK10D		85	1.2	132	1.3	2
PK12D		183	1.5	285	2.8	2
PK06D	60 to 140	9	0.2	19	6.8	6
PK08D		27	0.1	56	5.2	4
PK10D		50	0.4	104	6.2	4
PK12D		111	0.6	230	1.8	2
PK06D	60 to 160	4	0.1	11	6.5	6
PK08D		13	0.1	34	5.9	6
PK10D		29	0.1	75	3.3	4
PK12D		60	0.2	157	6.6	4
PK06D	60 to 180					
PK08D		4	0.1	13	2.1	8
PK10D		12	0.1	38	6.8	8
PK12D		27	0.1	84	5.7	6