



## TH750 STEAM / DOMESTIC WATER HEATER DOUBLE WALL SELECTION CHART



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**Water and Steam Capacities**

Inlet Temp *F	Outlet Temp *F	DOUBLE WALL								Model NUMBER	BVV Control Valve SIZE	BVV Series Control Valve Part Number
		Hot Water Capacities				Steam Capacities						
		Steam Supply Pressure				Steam Supply Pressure						
		psig	psig	psig	psig	psig	psig	psig	psig			
		5	10	15	30-100	5	10	15	30-100			
		gpm	gpm	gpm	gpm	lbs/hr	lbs/hr	lbs/hr	lbs/hr			
40	110	16	17	19	21	547	625	704	778	624	1" NPT	BVV-1"-SRT-SE-FC-RG-1
		25	35	39	43	906	1276	1434	1593	636	1"NPT	BVV-1"-SRT-SE-FC-RG-1
		48	52	58	63	1740	1896	2133	2334	648	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		66	72	80	87	2393	2625	2942	3222	836	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
		96	104	115	125	3480	3792	4229	4630	848	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		107	116	129	140	3879	4230	4743	5186	1036	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		156	169	187	202	5655	6162	6876	7482	1048	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
		156	169	187	202	5655	6162	6876	7482	1236	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
		227	245	271	293	8229	8933	9965	10852	1248	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
40	120	15	17	19	21	621	708	789	888	624	1" NPT	BVV-1"-SRT-SE-FC-RG-1
		28	30	35	38	1201	1291	1470	1608	636	1"NPT	BVV-1"-SRT-SE-FC-RG-1
		38	41	45	50	1573	1749	1974	2158	648	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		51	55	62	68	2112	2332	2604	2877	836	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
		72	78	87	95	3023	3332	3738	4104	848	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		85	92	104	112	3561	3874	4411	4824	1036	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		120	130	135	155	5177	5623	6300	6982	1048	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
		125	135	150	165	5177	5623	6300	6982	1236	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
		178	190	205	220	7578	8247	9241	10155	1248	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
40	140	10	11	13	14	518	573	682	740	624	1" NPT	BVV-1"-SRT-SE-FC-RG-1
		15	17	20	21	828	937	1102	1216	636	1"NPT	BVV-1"-SRT-SE-FC-RG-1
		24	26	30	32	1294	1457	1627	1856	648	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		33	35	40	48	1708	1874	2205	2643	836	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		50	54	60	68	2639	2914	3359	3701	848	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
		54	60	71	78	2898	3227	3727	4124	1036	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		83	92	102	112	4295	4788	5354	5921	1048	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
		83	92	102	112	4295	4788	5354	5921	1236	delete	BVV-2.0"-SRT-SE-FC-RG-1
		120	132	150	165	6210	6871	7873	8724	1248	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
40	160	6	7	8	9	373	437	504	571	624	1" NPT	BVV-1"-SRT-SE-FC-RG-1
		11	13	15	17	683	812	945	1079	636	1"NPT	BVV-1"-SRT-SE-FC-RG-1
		18	20	24	27	1118	1250	1512	1714	648	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		22	25	30	33	1366	1562	1890	2095	836	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		34	38	45	50	2112	2374	2772	3174	848	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
		37	42	49	55	2299	2624	3088	3491	1036	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		56	63	73	81	3479	3937	4600	5141	1048	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
										1236	delete	BVV-2.0"-SRT-SE-FC-RG-1
		82	92	106	119	5094	5749	6679	7553	1248	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
40	180	4	4	5	6	290	290	368	445	624	1" NPT	BVV-1"-SRT-SE-FC-RG-1
		7	8	10	12	508	584	736	890	636	1"NPT	BVV-1"-SRT-SE-FC-RG-1
		10	12	16	19	726	867	1178	1409	648	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		14	16	20	23	1016	1168	1472	1705	836	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
		22	25	31	35	1596	1825	2282	2595	848	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		23	28	33	39	1669	2044	2428	2891	1036	1.5" NPT	BVV-1.5"-SRT-SE-FC-RG-1
		36	42	51	58	2612	3065	3753	4300	1048	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1
										1236	delete	BVV-2.0"-SRT-SE-FC-RG-1
		53	62	74	85	3846	4523	5446	6302	1248	2.0" NPT	BVV-2.0"-SRT-SE-FC-RG-1

7/9/2015

**Water and Steam Capacities**

**Inlet Temp**  
\*F

**Outlet Temp**  
\*F

**DOUBLE WALL**

Hot Water Capacities				Steam Capacities				Model NUMBER	BVV Control Valve SIZE	BVV Series Control Valve Part Number
Steam Supply Pressure				Steam Supply Pressure						
psig	psig	psig	psig	psig	psig	psig	psig			
5	10	15	30-100	5	10	15	30-100			
gpm	gpm	gpm	gpm	lbs/hr	lbs/hr	lbs/hr	lbs/hr			

50	120	16	17	19	21	547	625	704	778	<b>624</b>	1" NPT	
		25	35	39	43	906	1276	1434	1593	<b>636</b>	1"NPT	
		48	52	58	63	1740	1896	2133	2334	<b>648</b>	1.5" NPT	
		66	72	80	87	2393	2625	2942	3222	<b>836</b>	2.0" NPT	
		96	104	115	125	3480	3792	4229	4630	<b>848</b>	1.5" NPT	
		107	116	129	140	3879	4230	4743	5186	<b>1036</b>	1.5" NPT	
		156	169	187	202	5655	6162	6876	7482	<b>1048</b>	2.0" NPT	
		156	169	187	202	5655	6162	6876	7482	<b>1236</b>	2.0" NPT	
		227	245	271	293	8229	8933	9965	10852	<b>1248</b>	2.0" NPT	

EN MODELS

BVV-1"-SRT-SE-FC-RG-1  
 BVV-1"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1

50	130	15	17	19	21	621	708	789	888	<b>624</b>	1" NPT	
		29	31	35	38	1201	1291	1470	1608	<b>636</b>	1"NPT	
		38	42	47	51	1573	1749	1974	2158	<b>648</b>	1.5" NPT	
		51	56	62	68	2112	2332	2604	2877	<b>836</b>	2.0" NPT	
		73	80	89	97	3023	3332	3738	4104	<b>848</b>	1.5" NPT	
		86	93	105	114	3561	3874	4411	4824	<b>1036</b>	1.5" NPT	
		125	135	150	165	5177	5623	6300	6982	<b>1048</b>	2.0" NPT	
		125	135	150	165	5177	5623	6300	6982	<b>1236</b>	2.0" NPT	
		183	198	220	240	7578	8247	9241	10155	<b>1248</b>	2.0" NPT	

BVV-1"-SRT-SE-FC-RG-1  
 BVV-1"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1

50	140	11	13	15	16	573	682	707	760	<b>624</b>	1" NPT	
		20	22	25	29	828	1030	1180	1378	<b>636</b>	1"NPT	
		30	33	38	42	1395	1544	1793	1996	<b>648</b>	1.5" NPT	
		37	41	47	52	1721	1918	2218	2471	<b>836</b>	1.5" NPT	
		53	59	67	74	2466	2761	3161	3517	<b>848</b>	2.0" NPT	
		62	69	79	87	2884	3229	3728	4135	<b>1036</b>	1.5" NPT	
		92	102	116	127	4280	4773	5474	6036	<b>1048</b>	2.0" NPT	
		83	92	102	112	4295	4788	5354	5921	<b>1236</b>	delete	
		135	149	165	185	6280	6972	7786	8793	<b>1248</b>	2.0" NPT	

BVV-1"-SRT-SE-FC-RG-1  
 BVV-1"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1

50	160	7	8	9	11	398	458	519	639	<b>624</b>	1" NPT	
		12	14	17	19	683	801	981	1104	<b>636</b>	1"NPT	
		20	22	26	29	1138	1258	1500	1685	<b>648</b>	1.5" NPT	
		23	26	31	35	1308	1487	1788	2034	<b>836</b>	1.5" NPT	
		34	39	45	51	1934	2231	2596	2963	<b>848</b>	2.0" NPT	
		40	46	53	60	2275	2631	3058	3487	<b>1036</b>	1.5" NPT	
		60	68	79	89	3413	3890	4558	5172	<b>1048</b>	2.0" NPT	
										<b>1236</b>	2.0" NPT	
		88	100	115	129	5005	5721	6635	7497	<b>1248</b>	2.0" NPT	

BVV-1"-SRT-SE-FC-RG-1  
 BVV-1"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1

50	180	4	5	6	7	269	338	409	481	<b>624</b>	1" NPT	
		7	9	11	13	471	609	751	894	<b>636</b>	1"NPT	
		12	14	16	20	807	948	1092	1375	<b>648</b>	1.5" NPT	
		14	17	21	24	942	1150	1433	1650	<b>836</b>	2.0" NPT	
		21	25	31	35	1413	1692	2116	2407	<b>848</b>	1.5" NPT	
		24	28	35	40	1615	1895	2390	2750	<b>1036</b>	1.5" NPT	
		36	45	52	62	2422	3046	3550	4263	<b>1048</b>	2.0" NPT	
										<b>1236</b>	2.0" NPT	
		55	65	79	91	3701	4400	5393	6257	<b>1248</b>	2.0" NPT	

BVV-1"-SRT-SE-FC-RG-1  
 BVV-1"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-1.5"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1  
 BVV-2.0"-SRT-SE-FC-RG-1

USE THIS CHART FOR DOUBLE WALL TH750-DWEN

7/9/2015