

MASTER VITRO - COILS - SB [Continuous flow DHW production (liters/hour) 10°C - 45°C]

PRIMARY INPUT TEMPERATURE °C		55 °C		70 °C		80 °C		90 °C	
tank model	primary pump flow (m³/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
MVV-1500-SB	3	39	960	72	1772	98	2411	119	2928
	5	46	1132	85	2092	118	2904	143	3519
	8	52	1280	98	2411	137	3371	166	4085
MVV-2000-SB	3	44	1083	86	2116	109	2682	136	3347
	5	51	1255	104	2559	133	3273	165	4060
	8	58	1427	121	2977	154	3789	191	4700
MVV-2500-SB	3	53	1304	92	2264	119	2928	146	3593
	5	63	1550	113	2781	147	3617	180	4429
	8	72	1772	132	3248	172	4232	211	5192
MVV-3000-SB	3	61	1501	107	2633	141	3470	174	4282
	5	74	1821	134	3297	178	4380	220	5414
	8	86	2116	158	3888	212	5217	262	6447
MVV-3500-SB	3	71	1747	132	3248	181	4454	224	5512
	5	87	2141	165	4060	228	5610	284	6988
	8	102	2510	196	4823	270	6644	340	8366
MVV-4000-SB	3	71	1747	132	3248	181	4454	224	5512
	5	87	2141	165	4060	228	5610	284	6988
	8	102	2510	196	4823	270	6644	340	8366
MVV-5000-SB	3	83	2042	156	3839	211	5192	263	6472
	5	102	2510	197	4848	268	6595	337	8293
	8	120	2953	234	5758	321	7899	406	9990
MVV-6000-SB	3	83	2042	156	3839	211	5192	263	6472
	5	102	2510	197	4848	268	6595	337	8293
	8	120	2953	234	5758	321	7899	406	9990

MASTER VITRO - COILS - SSB [Continuous flow DHW production (liters/hour) 10°C - 45°C]

PRIMARY INPUT TEMPERATURE °C		55 °C		70 °C		80 °C		90 °C	
tank model	primary pump flow (m³/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
MVV-1500-SSB	3	53	1304	92	2264	119	2928	146	3593
	5	63	1550	113	2781	147	3617	180	4429
	8	72	1772	132	3248	172	4232	211	5192
MVV-2000-SSB	3	61	1501	107	2633	141	3470	174	4282
	5	74	1821	134	3297	178	4380	220	5414
	8	86	2116	158	3888	212	5217	262	6447
MVV-2500-SSB	3	64	1575	119	2928	161	3962	199	4897
	5	78	1919	149	3666	204	5020	251	6176
	8	90	2215	177	4355	243	5979	299	7357
MVV-3000-SSB	3	83	2042	156	3839	211	5192	263	6472
	5	102	2510	197	4848	268	6595	337	8293
	8	120	2953	234	5758	321	7899	406	9990
MVV-3500-SSB	3	83	2042	156	3839	211	5192	263	6472
	5	102	2510	197	4848	268	6595	337	8293
	8	120	2953	234	5758	321	7899	406	9990
MVV-4000-SSB	3	83	2042	156	3839	211	5192	263	6472
	5	102	2510	197	4848	268	6595	337	8293
	8	120	2953	234	5758	321	7899	406	9990
MVV-5000-SSB	3	100	2461	177	4364	243	5973	301	7401
	5	125	3076	226	5569	314	7715	392	9657
	8	148	3642	271	6677	379	9319	477	11732
MVV-6000-SSB	3	100	2461	177	4364	243	5973	301	7401
	5	125	3076	226	5569	314	7715	392	9657
	8	148	3642	271	6677	379	9319	477	11732

MASTER VITRO - COILS - SB [Continuous flow DHW production (liters/hour) 10°C - 60°C]

PRIMARY INPUT TEMPERATURE °C		70 °C		80 °C		90 °C	
tank model	primary pump flow (m³/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
MVV-1500-SB	3	46	792	73	1257	94	1619
	5	55	947	89	1533	114	1964
	8	64	1102	103	1774	132	2274
MVV-2000-SB	3	55	947	80	1378	107	1843
	5	67	1154	98	1688	131	2256
	8	78	1344	114	1964	152	2618
MVV-2500-SB	3	59	1016	87	1499	115	1981
	5	72	1240	108	1860	143	2463
	8	85	1464	128	2205	168	2894
MVV-3000-SB	3	68	1171	104	1791	137	2360
	5	86	1481	131	2256	174	2997
	8	102	1757	157	2704	209	3600
MVV-3500-SB	3	85	1464	133	2291	177	3049
	5	106	1826	168	2894	226	3893
	8	126	2170	200	3445	270	4651
MVV-4000-SB	3	85	1464	133	2291	177	3049
	5	106	1826	168	2894	226	3893
	8	126	2170	200	3445	270	4651
MVV-5000-SB	3	100	1722	155	2670	208	3583
	5	127	2188	198	3411	268	4616
	8	151	2601	238	4100	323	5564
MVV-6000-SB	3	100	1722	155	2670	208	3583
	5	127	2188	198	3411	268	4616
	8	151	2601	238	4100	323	5564

MASTER VITRO - COILS - SSB [Continuous flow DHW production (liters/hour) 10°C - 60°C]

PRIMARY INPUT TEMPERATURE °C		70 °C		80 °C		90 °C	
tank model	primary pump flow (m³/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
MVV-1500-SSB	3	59	1016	87	1499	115	1981
	5	72	1240	108	1860	143	2463
	8	85	1464	128	2205	168	2894
MVV-2000-SSB	3	68	1171	104	1791	137	2360
	5	86	1481	131	2256	174	2997
	8	102	1757	157	2704	209	3600
MVV-2500-SSB	3	76	1312	118	2040	157	2697
	5	96	1654	151	2595	199	3429
	8	114	1969	180	3107	238	4103
MVV-3000-SSB	3	100	1722	155	2670	208	3583
	5	127	2188	198	3411	268	4616
	8	151	2601	238	4100	323	5564
MVV-3500-SSB	3	100	1722	155	2670	208	3583
	5	127	2188	198	3411	268	4616
	8	151	2601	238	4100	323	5564
MVV-4000-SSB	3	100	1722	155	2670	208	3583
	5	127	2188	198	3411	268	4616
	8	151	2601	238	4100	323	5564
MVV-5000-SSB	3	113	1948	179	3077	238	4094
	5	144	2477	232	3992	312	5368
	8	172	2964	281	4833	380	6540
MVV-6000-SSB	3	113	1948	179	3077	238	4094
	5	144	2477	232	3992	312	5368
	8	172	2964	281	4833	380	6540

MASTER VITRO - UPPER COIL⁽¹⁾ - S2B / SS2B [Continuous flow DHW production (liters/hour) 10°C - 45°C]

PRIMARY INPUT TEMPERATURE °C		55 °C		70 °C		80 °C		90 °C	
tank model	primary pump flow (m³/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
MVV-2000-S2B/SS2B	3	36	886	70	1722	92	2264	115	2830
	5	42	1033	83	2042	110	2707	136	3347
	8	48	1181	95	2338	127	3125	155	3814
MVV-3500-S2B/SS2B	3	50	1230	92	2264	119	2928	147	3617
	5	60	1476	112	2756	145	3568	179	4405
	8	69	1698	131	3224	169	4159	208	5118
MVV-5000-S2B/SS2B	3	58	1427	103	2535	136	3347	168	4134
	5	71	1747	129	3174	170	4183	210	5167
	8	82	2018	152	3740	202	4971	250	6152

(1) DHW productions for the lower coils of S2B models correspond to the productions of the SB models, see page 102.

MASTER VITRO - UPPER COIL⁽²⁾ - S2B / SS2B [Continuous flow DHW production (liters/hour) 10°C - 60°C]

PRIMARY INPUT TEMPERATURE °C		70 °C		80 °C		90 °C	
tank model	primary pump flow (m³/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
MVV-2000-S2B/SS2B	3	43	741	67	1154	88	1516
	5	53	913	82	1412	108	1860
	8	62	1068	96	1654	126	2170
MVV-3500-S2B/SS2B	3	58	999	86	1481	114	1964
	5	72	1240	106	1826	141	2429
	8	84	1447	125	2153	165	2842
MVV-5000-S2B/SS2B	3	66	1137	100	1722	132	2274
	5	83	1430	125	2153	167	2877
	8	98	1688	150	2584	199	3428

(2) DHW productions for the lower coils of SS2B models correspond to the productions of the SSB models, see page 103.

MASTER VITRO - COILS models - SB - (DHW production - peak flow -)

		MVV1500 SB	MVV2000 SB	MVV2500 SB	MVV3000 SB	MVV3500 SB	MVV4000 SB	MVV5000 SB	MVV6000 SB
Peak flow 40°C	L/10'	2925	3900	4875	5850	6825	7800	9750	11800
Peak flow 45°C	L/10'	2500	3325	4175	5000	5850	6675	8350	10050
Peak flow 60°C	L/10'	1750	2325	2925	3500	4075	4675	5850	7075
Peak flow 40°C	L/60'	6675	8150	9625	11675	14240	15200	18500	20550
Peak flow 45°C	L/60'	5600	6850	8125	9825	12055	12875	15625	17340
Peak flow 60°C	L/60'	3400	4225	5050	6125	7450	8000	9750	10990
Continuous flow 40°C	Ltrs/h	4500	5100	5700	7000	8900	8900	10500	10500
Continuous flow 45°C	Ltrs/h	3725	4250	4750	5800	7450	7450	8750	8750
Continuous flow 60°C	Ltrs/h	2000	2300	2550	3150	4000	4000	4700	4700
Heating time (from 10 to 75°C)	Min	77	88	100	97	100	102	109	117
Primary flow	m³/h	8	8	8	8	8	8	8	8

Primary input temperature 85°C

MASTER VITRO - COILS models - SSB - (DHW production - peak flow -)

		MVV1500 SSB	MVV2000 SSB	MVV2500 SSB	MVV3000 SSB	MVV3500 SSB	MVV4000 SSB	MVV5000 SSB	MVV6000 SSB
Peak flow 40°C	L/10'	2925	3900	4875	5850	6825	7800	9750	11775
Peak flow 45°C	L/10'	2500	3325	4175	5000	5850	6675	8350	10370
Peak flow 60°C	L/10'	1750	2325	2925	3500	4075	4675	5850	7150
Peak flow 40°C	L/60'	7675	9725	11550	14600	15575	16550	18900	20940
Peak flow 45°C	L/60'	6450	8150	9735	12275	13125	13950	16000	18040
Peak flow 60°C	L/60'	3875	4950	5930	7400	7975	8575	10000	11320
Continuous flow 40°C	Ltrs/h	5700	7000	8010	10500	10500	10500	11000	11000
Continuous flow 45°C	Ltrs/h	4750	5800	6675	8750	8750	8750	9200	9200
Continuous flow 60°C	Ltrs/h	2550	3150	3605	4700	4700	4700	5000	5000
Heating time (from 10 to 75°C)	Min	60	65	65	65	76	87	102	110
Primary flow	m³/h	8	8	8	8	8	8	8	8

Primary input temperature 85°C

MASTER VITRO - COILS models - S2B / SS2B - (DHW production - peak flow -)

LOWER COIL		MVV2000 S2B	MVV3500 S2B	MVV5000 S2B	MVV6000 S2B	MVV2000 SS2B	MVV3500 SS2B	MVV5000 SS2B	MVV6000 SS2B
Peak flow 40°C	L/10'	3900	6825	10840	12790	3900	6825	10840	12790
Peak flow 45°C	L/10'	3325	5850	9235	10910	3325	5850	9235	10910
Peak flow 60°C	L/10'	2325	4075	6325	7500	2325	4075	6325	7500
Peak flow 40°C	L/60'	8150	14240	21740	23690	9725	15575	21740	23690
Peak flow 45°C	L/60'	6850	12055	18010	19680	8150	13125	18010	19680
Peak flow 60°C	L/60'	4225	7405	11065	12240	4950	7975	11065	12240
Continuous flow 40°C	Ltrs/h	5100	8900	13080	13080	7000	10500	13080	13080
Continuous flow 45°C	Ltrs/h	4250	7450	10530	10530	5800	8750	10530	10530
Continuous flow 60°C	Ltrs/h	2300	4000	5690	5690	3150	4700	5690	5690
Heating time (from 10 to 75°C)	Min	88	98	102	110	65	76	102	110
Primary flow	m³/h	8	8	8	8	8	8	8	8

Primary input temperature 85°C