

SELECTION TABLE USING ENDURO SP200B SOLAR COLLECTORS

Daily Load	Zone 1					Zone 2					Zone 3					Zone 4					
	Raised 50°C	Collectors	Cylinders	STCS		%	Collectors	Cylinders	STCS		%	Collectors	Cylinders	STCS		%	Collectors	Cylinders	STCS		%
				DDSS	DDGS				DDSS	DDGS				DDSS	DDGS				DDSS	DDGS	
700	6	3	144	135	>80%	6	3	168	156	>80%	6	3	132	123	>80%	6	3	114	105	77%	
1000	6	3	144	135	68%	6	3	168	156	79%	6	3	132	123	62%	6	3	114	105	54%	
1500	9	3	219	207	69%	6	3	168	156	53%	8	4	176	164	55%	9	3	174	162	55%	
2000	9	3	219	207	52%	9	3	255	240	60%	12	4	268	252	63%	12	4	232	216	55%	
2500	12	4	292	276	55%	12	4	340	320	64%	12	4	268	252	50%	15	5	290	270	55%	
3000	15	5	365	345	57%	12	4	340	320	53%	15	5	335	315	53%	18	6	348	324	55%	
3500	18	6	438	414	59%	15	5	425	400	57%	18	6	402	378	54%	21	7	406	378	55%	
4000	18	6	438	414	52%	18	6	510	480	60%	21	7	469	441	55%	24	8	464	432	55%	
4500	21	7	511	483	53%	18	6	510	480	53%	24	8	536	504	56%	27	9	522	486	55%	
5000	24	8	584	552	55%	21	7	595	560	56%	27	9	603	567	57%	30	10	580	540	55%	
6000	27	9	657	621	52%	24	8	680	640	53%	30	10	670	630	53%	36	12	696	648	55%	
7000	33	11	803	759	54%	27	9	765	720	51%	36	12	804	756	54%	42	14	812	756	55%	
8000	36	12	876	828	52%	33	11	935	880	55%	39	13	871	819	51%	48	16	928	864	55%	
9000	42	14	1022	966	53%	36	12	1020	960	53%	45	15	1005	945	53%	54	18	1044	972	55%	
10000	45	15	1095	1035	52%	39	13	1105	1040	52%	48	16	1072	1008	50%	60	20	1160	1080	55%	

SELECTION TABLE USING EVACUATED TUBE SOLAR COLLECTORS

Daily Load	Zone 1					Zone 2					Zone 3					Zone 4					
	Raised 50°C	Evac Tubes	Cylinders	STCS		%	Evac Tubes	Cylinders	STCS		%	Evac Tubes	Cylinders	STCS		%	Evac Tubes	Cylinders	STCS		%
				DDSS	DDGS				DDSS	DDGS				DDSS	DDGS				DDSS	DDGS	
700	90	3	129	123	>80%	90	3	147	141	>80%	90	3	117	114	79%	90	3	102	99	69%	
1000	90	3	129	123	61%	90	3	147	141	69%	90	3	117	114	55%	120	3	141	138	66%	
1500	120	3	177	174	56%	120	3	201	198	63%	120	3	162	159	51%	150	3	180	177	56%	
2000	150	3	222	219	52%	150	3	255	252	60%	160	4	216	212	51%	200	4	240	236	56%	
2500	200	4	296	292	56%	160	4	268	264	50%	200	4	276	268	52%	250	5	300	295	56%	
3000	250	5	370	365	58%	200	4	340	336	53%	250	5	345	335	54%	300	6	360	354	56%	
3500	250	5	370	365	50%	250	5	425	420	57%	300	6	414	402	56%	300	6	360	354	48%	
4000	300	6	444	438	52%	250	5	425	420	50%	350	7	483	469	57%	350	7	420	413	49%	
4500	350	7	518	511	54%	300	6	510	504	53%	350	7	483	469	51%	400	8	480	472	50%	
5000	350	7	518	511	49%	350	7	595	588	56%	400	8	552	536	52%	450	9	540	531	51%	
6000	450	9	666	657	52%	400	8	680	672	53%	500	10	690	670	54%	550	11	660	649	52%	
7000	500	10	740	730	50%	450	9	765	756	51%	550	11	759	737	51%	650	13	780	767	52%	
8000	600	12	888	876	52%	500	10	850	840	50%	650	13	897	871	53%	700	14	840	826	49%	
9000	650	13	962	949	50%	550	11	935	924	49%	700	14	966	938	51%	800	16	960	944	50%	
10000	700	14	1036	1022	49%	650	13	1105	1092	52%	800	16	1104	1072	52%	900	18	1080	1062	51%	

All selections in the table above are made using 315 litre Stainless Steel tanks (DDSS) and 320 litre Vitreous Enamel tanks (DDGS).

In order to be eligible for STCs, Commercial pre-heat systems must store at least 700 litres of hot water. This means that at least 3 x 250 litre storage cylinders must be combined with the correct number of solar collectors.

MODULES

STC's are claimed from the Clean Energy Regulator (CER) against systems with 3 to 10 identical modules. Each being made up of **one** storage cylinder with either 2, 3 or 4 SP200B solar collectors or 30, 40 or 50 evacuated tubes. These modules are combined to make up systems.

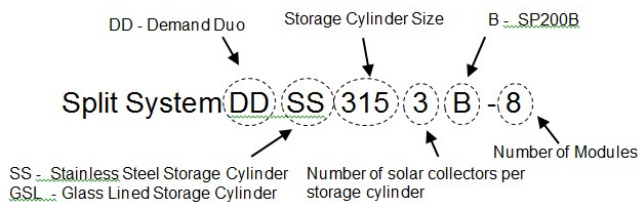
Example: 3 storage cylinders and 9 solar collectors are 3 modules that make up one system.

Module Name	Storage Cylinder Material	Storage Cylinder Volume	Number of Solar Collectors / Evacuated Tubes per Storage Cylinder	Zone 1	Zone 2	Zone 3	Zone 4
Enduro Collectors							
Split System DDGSL2702B	Glass Lined	270	2	45	53	41	35
Split System DDSS2502B	Stainless Steel	250	2	48	56	44	38
Split System DDGSL2703B	Glass Lined	270	3	68	77	62	53
Split System DDSS2503B	Stainless Steel	250	3	71	81	65	56
Split System DDGSL3202B	Glass Lined	320	2	45	52	41	35
Split System DDSS3152B	Stainless Steel	315	2	48	56	44	38
Split System DDGSL3203B	Glass Lined	320	3	69	80	63	54
Split System DDSS3153B	Stainless Steel	315	3	73	85	67	58
Split System DDGSL3204B	Glass Lined	320	4	88	101	81	69
Split System DDSS3154B	Stainless Steel	315	4	94	107	86	74
Evacuated Tube Solar Collectors							
Split System DDGS270SLEVT30A	Glass Lined	270	30	41	48	38	33
Split System DDSS250EVT30A	Stainless Steel	250	30	43	49	40	34
Split System DDGS270SLEVT40A	Glass Lined	270	40	58	66	53	46
Split System DDSS250EVT40A	Stainless Steel	250	40	59	67	54	47
Split System DDGS320SLEVT30A	Glass Lined	320	30	41	47	38	33
Split System DDSS315EVT30A	Stainless Steel	315	30	43	49	39	34
Split System DDGS320SLEVT40A	Glass Lined	320	40	58	66	53	46
Split System DDSS315EVT40A	Stainless Steel	315	40	59	67	54	47
Split System DDGS320SLEVT50A	Glass Lined	320	50	73	84	67	59
Split System DDSS315EVT50A	Stainless Steel	315	50	74	85	69	60

System codes to allow STC claims are made up of: the module name / a dash "-" / the number of identical modules used

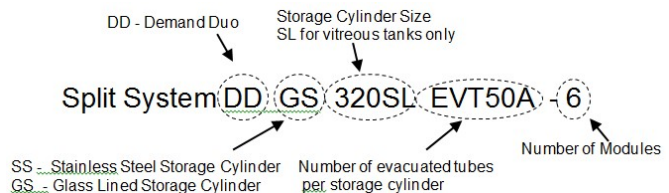
Example – Enduro Collectors

Selection = 8 x 315 litre storage cylinders and 24 x Enduro solar collectors
 Module = 1 x 315 litre Stainless steel cylinder and 3 x Enduro solar collectors
 No. of mods = 8
 System = DDSS3153B-8



Example – Evacuated Tube Collectors

Selection = 6 x 320 litre storage cylinders and 300 x Evacuated tubes
 (12 x EVT25A, or 15 x EVT20A, or 10 x EVT30A collectors)
 Module = 1 x 320 litre Glass Lined cylinder and 50 x Evacuated Tubes
 No. of mods = 6
 System = DDGS320SLEVT50A-6



Using the above flat plate example made up of 8 modules of *Split System DDSS3153B* it receives 8 times the STCs

CER Listing	Zone 1	Zone 2	Zone 3	Zone 4
Split System DDSS3153B-8	73 x 8 = 584	85 x 8 = 680	67 x 8 = 536	58 x 8 = 464