

Large Project Home Builder - Two Storey Design																													
		Climate Zone 28 - West				Climate Zone 56 - East				Climate Zone 15 - North				Climate Zone 18 - South				Climate Zone 14 - Far North (inland)				Climate Zone 11 - Far North (coast)							
		Heat	Cool	Total	Reduction	Heat	Cool	Total	Reduction	Heat	Cool	Total	Reduction	Heat	Cool	Total	Reduction	Heat	Cool	Total	Reduction	Heat	Cool	Total	Reduction	Heat	Cool	Total	Reduction
		74	70	144	-23%	51	45	96	-31%	76	37	113	-24%	105	30	135	-23%	180	25	205	-18%	37	37	74	-23%				
		Old Basic Caps					Old Basic Caps					Old Basic Caps					Old Basic Caps					Old Basic Caps							
		55	56	111	-23%	40	26	66	-31%	54	32	86	-24%	73	31	104	-23%	141	27	168	-18%	24	33	57	-23%				
		North Orientation				North Orientation				North Orientation				North Orientation				North Orientation											
		Heat	Cool	Total	Stars	Heat	Cool	Total	Stars	Heat	Cool	Total	Stars	Heat	Cool	Total	Stars	Heat	Cool	Total	Stars	Heat	Cool	Total	Stars	Heat	Cool	Total	Stars
1	Base Spec	Left	68.8	43.7	112.5	4.9	47.2	25.2	72.4	4.7	59.8	32.9	92.7	4.8	89.4	24.1	113.5	4.8	162.7	12.7	175.4	4.9	26.6	31.9	58.5	4.8			
		Front	70.1	37.3	107.4	5.2	48.1	19.2	67.3	4.9	61.3	27.1	88.4	4.9	92.4	20.1	112.5	4.8	168.3	8.2	176.5	4.9	27.6	21.1	50.7	5.4			
		Right	69.6	42.6	112.2	4.9	47.7	23.1	70.8	4.8	60.9	30.3	91.2	4.8	90.4	24.5	114.9	4.7	165.6	11.7	177.3	4.9	26.2	29.2	55.4	4.9			
		Rear	64.5	35.8	100.3	5.4	43.1	19.7	62.8	5.3	56.1	25.7	81.8	5.3	85	19.1	104.1	5.1	164	9.2	173.2	4.9	23.9	23.2	47.1	5.7			
2	Base Spec + R2.5 in floor above garage	Left	64.9	43.4	108.3	5.2	44.3	25.1	69.4	4.9	56.4	33	89.4	4.9	84.8	24.1	108.9	4.9	154.8	12.6	167.4	5.1	24.8	29.4	54.2	5.1			
		Front	67	37.2	104.2	5.3	45.8	19.1	64.9	5.1	58.6	27.1	85.7	5	88.7	19.9	108.6	4.9	161.3	8.1	169.4	4.9	26.3	23.1	49.4	5.4			
		Right	65.5	42.4	107.9	5.2	44.6	22.8	67.4	4.9	57.4	30.7	88.1	4.9	85.5	24.4	109.9	4.9	157.3	11.5	168.8	5	24.4	29.4	53.8	5.2			
		Rear	60	35.5	95.5	5.7	39.7	19.6	59.3	5.4	52.1	25.7	77.8	5.4	79.6	19.1	98.7	5.3	155	9.3	164.3	5.2	21.6	23.3	44.9	5.9			
3	Base Spec + R2.5 in floor above garage Self closing exhaust fans	Left	61.1	42.9	104	5.4	41.9	24.9	66.8	4.9	53.4	32.4	85.8	5	80.7	23.9	104.6	5	147.5	12.4	159.9	5.3	23	31.5	54.5	5.1			
		Front	63	36.9	99.9	5.4	43.3	19	62.3	5.3	55.4	27	82.4	5.2	84.4	19.6	104	5.1	153.7	8.2	161.9	5.2	24.4	22.7	47.1	5.7			
		Right	61.4	42	103.4	5.4	42	22.7	64.7	5.1	54.2	30	84.2	5.1	81.2	24.1	105.3	4.9	149.6	11.7	161.3	5.2	22.6	29.1	51.7	5.3			
		Rear	56	35.2	91.2	5.9	37.2	19.4	56.6	5.6	49.1	25.3	74.4	5.6	75.4	18.8	94.2	5.4	147.3	9.3	156.6	5.3	19.8	22.9	42.7	6.2			
4	Base Spec + R2.5 in floor above garage Self closing exhaust fans Dark walls & roof	Left	55.9	50	105.9	5.3	38.6	28.3	66.9	4.9	49.9	35.7	85.6	5	76	27.2	103.2	5.1	138.8	16.7	155.5	5.4	21.1	35.2	56.3	4.9			
		Front	57.9	42.6	100.5	5.4	39.8	21.5	61.3	5.3	51.6	29.5	81.1	5.3	79.1	21.7	100.8	5.2	144.4	10.7	155.1	5.4	22	24.9	46.9	5.8			
		Right	56.2	48.9	105.1	5.3	38.4	25.8	64.2	5.2	50.3	3.3	53.6	5.2	76	26.9	102.9	5.1	140.1	15.6	155.7	5.4	20.1	31.9	52	5.3			
		Rear	51	41.3	92.3	5.8	34	22	56	5.7	45.5	28.3	73.8	5.7	70.3	21.6	91.9	5.5	137.8	12.2	150	5.4	17.7	26.1	43.8	6			
5	Base Spec + R2.5 in floor above garage Self closing exhaust fans Dark walls & roof Window option 4 x 6 windows	Left	53.3	47.1	100.4	5.4	36.5	26.9	63.4	5.2	47.4	33.5	80.9	5.3	72.5	24.8	97.3	5.3	134	15	149	5.4	19.6	31.1	50.7	5.4			
		Front	55	40	95	5.7	37.3	20.4	57.7	5.5	49	27.7	76.7	5.4	75.6	20.9	96.5	5.4	139.6	10	149.6	5.4	20.5	23.8	44.3	5.9			
		Right	54.9	46	100.9	5.4	37.2	24.4	61.6	5.3	48.9	31	79.9	5.4	74	25	99	5.3	136.9	14	150.9	5.4	19.6	30.2	49.8	5.4			
		Rear	49.2	38.6	87.8	5.9	32.3	20.9	53.2	5.9	43.6	26.8	70.4	5.9	67.7	20	87.7	5.7	133.9	11.3	145.2	5.6	16.9	24.5	41.4	6.3			
7	Base Spec + R2.5 in floor above garage Self closing exhaust fans Dark walls & roof Window option 2 x 6 windows	Left	53.1	48.9	102	5.4	36.4	27.8	64.2	5.2	47.4	34.7	82.1	5.2	72.6	26.2	98.8	5.3	133.7	16.1	149.8	5.4	19.7	31.9	51.6	5.3			
		Front	54.6	41.6	96.2	5.7	37.1	20.9	58	5.4	48.7	28.4	77.1	5.4	75.5	21.2	96.7	5.4	139.1	10.4	149.5	5.4	20.4	24.5	44.9	5.9			
		Right	53.8	47.3	101.1	5.4	36.5	25.1	61.6	5.3	48.1	32.4	80.5	5.3	73.1	26	99.1	5.3	135.6	14.7	150.3	5.4	19	31	50	5.4			
		Rear	48.6	39.7	88.3	5.9	32.1	21.6	53.7	5.9	43.2	27.7	70.9	5.8	67.4	20.7	88.1	5.7	133.2	11.7	144.9	5.6	16.7	25	41.7	6.3			
8	Base Spec + R2.5 in floor above garage Self closing exhaust fans Dark walls & roof Window option 6 x 6 windows	Left	50.8	48.1	98.9	5.5	34.2	27.2	61.4	5.3	44.6	33.9	78.5	5.4	68.6	25.6	94.2	5.4	128.2	15.6	143.8	5.6	18.5	31.6	50.1	5.4			
		Front	52.3	40.9	93.2	5.8	35.1	20.7	55.8	5.7	46	28.1	74.1	5.7	71.6	20.8	92.4	5.4	133.7	10.2	143.9	5.6	19.1	24.2	43.3	6.1			
		Right	51.6	46.6	98.2	5.6	34.4	24.8	59.2	5.4	45.3	31.7	77	5.4	69.3	25.4	94.7	5.4	130.2	14.5	144.7	5.6	17.8	30.8	48.6	5.6			
		Rear	46.6	38.7	85.3	6.1	30.3	21.3	51.6	5.9	40.7	26.9	67.6	5.9	63.8	20.4	84.2	5.9	127.8	11.6	139.4	5.7	15.7	24.6	40.3	6.4			
9	Base spec + No sarking Medium roof	Left	69.3	44.3	113.6	4.9	47.5	25.4	72.9	4.7	60.3	33.4	93.7	4.7	89.8	24.4	114.2	4.8	163.4	13	176.4	4.9	26.9	29.8	56.7	4.9			
		Front	70.7	37.8	108.5	5.2	48.4	19.3	67.7	4.9	61.7	27.3	89	4.9	92.8	20.4	113.2	4.8	169.1	8.5	177.6	4.9	28	23.1	51.1	5.4			
		Right	70	43.6	113.6	4.9	48	23.2	71.2	4.8	61.3	30.9	92.2	4.8	90.7	24.7	115.4	4.7	166.1	11.8	177.9	4.9	26.6	29.6	56.2	4.9			
		Rear	65	36.5	101.5	5.4	43.4	19.8	63.2	5.2	56.5	25.9	82.4	5.2	85.4	19.5	104.9	5	164.6	9.6	174.2	4.9	24.2	23.3	47.5	5.7			
10	Base spec + add thermal mass to theatre	Left	69.3	41.4	110.7	5.1	47.5	24.3	71.8	4.7	60.4	32.1	92.5	4.8	90.2	23	113.2	4.8	163.8	12	175.8	4.9	26.8	28.4	55.2	4.9			
		Front	70.6	35.9	106.5	5.3	48.3	18.4	66.7	4.9	61.7	25.8	87.5	4.9	93.2	19.1	112.3	4.8	169.3	7.3	176.6	4.9	27.7	22.5	50.2	5.4			
		Right	69.8	40.8	110.6	5.1	47.8	22.3	70.1	4.8	61.2	29.1	90.3	4.9	90.9	22.9	113.8	4.8	166.4	10.6	177	4.9	26.3	27.6	53.9	5.1			
		Rear	64.6	34.5	99.1	5.4	43.1	18.3	61.4	5.3	56.3	24.5	80.8	5.3	85.5	18.3	103.8	5.1	164.9	8.4	173.3	4.9	23.8	22.8	46.6	5.8			
11	Base spec + add wall wrap	Left	66.6	43.6	110.2	5.1	45.6	25.2	70.8	4.8	58	32.9	90.9	4.8	86.9	24.4	111.3	4.9	158.5	12.7	171.2	4.9	25.6	29.2	54.8	5			
		Front	67.9	37.1	105	5.3	46.4	19.2	65.6	5.1	59.4	27.1	86.5	4.9	89.8	19.9	109.7	4.9	163.9	8.4	172.3	4.9	26.6	23.1	49.7	5.4			
		Right	67.2	43	110.2	5.1	46	23.1	69.1	4.9	59	30.5	89.5	4.9	87.8	24.4	112.2	4.8	161.1	11.6	172.7	4.9	25.2	29.5	54.7	5.1			
		Rear	62.3	35.6	97.9	5.6	41.6	19.6	61.2	5.4	54.3	25.6	79.9	5.4	82.6	19.3	101.9	5.2	159.5	9.2	168.7	5	22.9	23.2	46.1	5.8			
12	Base spec + Roof Ventilators	Left	71.2	41	112.2	4.9	48.5	24.1	72.6	4.7	61.4	31.2	92.6	4.8	82	22.9	104.9	4.7	167.7	11.5	179.2	4.9	27.5	28.3	55.8	4.9			
		Front	72.8	35.2	108	5.2	49.6	18	67.6	4.9	63	26.3	89.3	4.9	95.3	19	114.3	4.8	174	6.9	180.9	4.8	28.8	22.2	51.1	5.4			
		Right	72.3	40.4	112.7	4.9	49.4	21.6	71	4.8	62.7	29.6	92.3	4.8	93.4	23.1	116.5	4.7	171.4	10.1	181.5	4.8	27.6	28.1	55.7	4.9			
		Rear	67.2	33.8	101	5.4	44.6	18.3	62.9	5.2	57.8	24.8	82.6	5.2	88	18	106	4.9	169.9	7.6	177.5	4.9	25	22.2	47.2	5.7			
13	Base spec + add cavity brick	Left	105.2	36.2	141.4	4.2	73.3	22.3	95.6	3.8	91.2	26.8	118	3.9	132.6	19.2	151.8	3.8	239.5	5.9	245.4	3.8	42.3	26.8	69.1	4.2			
		Front	108.2	24.2	132.4	4.2	74.5	17.8	92.3	3.9	91.9	23.4	115.3	3.9	134.9	16.5	151.4	3.8	245.4	3.8	249.2	3.8	44.3	21.9	66.2	4.4			
		Right	109	35.5	144.5	4.1	76.6	20.7	97.3	3.8	94.6	25.4	120	3.9	136.8	19	155.8	3.7	246.4	5	251.4	3.7	44.4	25	69.4	4.2			
		Rear	101.8	31.1	132.9	4.4	69.8	18.4	88.2	3.9																			

