

Solar Thermal Systems Sizing Chart

Assumes Solar system is installed flush to 4:12 due South roof

Solar Hot Water Sizing

California Climate Zone 2

SANTA ROSA

Load (therms)	Draw (GPD)	Title 24 Building Sq. Ft	SSU-60	SSU-50	SSC/SSU-80	& PHS-80	SSC/SSU-119	& PHS-119
			(1) BP-410	(1) BP-48	(2) BP-48	(2) BP-410	(2) BP-410	(3) BP-48
137	40	500-1500	55%	55%	78%	82%	84%	86%
185	60	1500-2500	44%	44%	69%	75%	78%	81%
233	80		37%	37%	60%	68%	70%	75%
281	100		32%	31%	53%	61%	63%	69%

Solar Hot Water Sizing

California Climate Zone 3

OAKLAND

Load (therms)	Draw (GPD)	Title 24 Building Sq. Ft	SSU-60	SSU-50	SSC/SSU-80	& PHS-80	SSC/SSU-119	& PHS-119
			(1) BP-410	(1) BP-48	(2) BP-48	(2) BP-410	(2) BP-410	(3) BP-48
137	40	500-1500	53%	52%	77%	80%	82%	85%
185	60	1500-2500	43%	42%	67%	73%	75%	79%
233	80		35%	35%	58%	65%	67%	73%
281	100		30%	30%	51%	58%	60%	66%

Solar Hot Water Sizing

California Climate Zone 4

SAN JOSE

Load (therms)	Draw (GPD)	Title 24 Building Sq. Ft	SSU-60	SSU-50	SSC/SSU-80	& PHS-80	SSC/SSU-119	& PHS-119
			(1) BP-410	(1) BP-48	(2) BP-48	(2) BP-410	(2) BP-410	(3) BP-48
137	40	500-1500	56%	55%	79%	83%	84%	86%
185	60	1500-2500	45%	44%	70%	76%	78%	82%
233	80		37%	37%	61%	68%	70%	76%
281	100		32%	32%	54%	61%	63%	69%

Solar Hot Water Sizing

California Climate Zone 6

LA

Load (therms)	Draw (GPD)	Title 24 Building Sq. Ft	SSU-60	SSU-50	SSC/SSU-80	& PHS-80	SSC/SSU-119	& PHS-119
			(1) BP-410	(1) BP-48	(2) BP-48	(2) BP-410	(2) BP-410	(3) BP-48
137	40	500-1500	58%	57%	82%	87%	89%	91%
185	60	1500-2500	47%	46%	72%	79%	81%	86%
233	80		39%	38%	63%	71%	73%	79%
281	100		34%	33%	56%	64%	66%	72%

Solar Thermal Systems Sizing Chart

Assumes Solar system is installed flush to 4:12 due South roof

Solar Hot Water Sizing

California Climate Zone 7

SAN DIEGO

Load (therms)	Draw (GPD)	Title 24 Building Sq. Ft	SSU-60	SSU-50	SSC/SSU-80	& PHS-80	SSC/SSU-119	& PHS-119
			(1) BP-410	(1) BP-48	(2) BP-48		(2) BP-410	(3) BP-48
137	40	500-1500	56%	55%	81%	86%	88%	91%
185	60	1500-2500	45%	44%	71%	78%	80%	85%
233	80		38%	37%	62%	69%	71%	78%
281	100		32%	32%	54%	62%	64%	70%

Solar Hot Water Sizing

California Climate Zone 12

SACRAMENTO

Load (therms)	Draw (GPD)	Title 24 Building Sq. Ft	SSU-60	SSU-50	SSC/SSU-80	& PHS-80	SSC/SSU-119	& PHS-119
			(1) BP140	(1) BP-48	(2) BP-48	(2) BP-410	(2) BP-410	(3) BP-48
137	40	500-1500	57%	56%	75%	77%	79%	81%
185	60	1500-2500	46%	46%	69%	72%	74%	76%
233	80		39%	38%	62%	67%	69%	73%
281	100		33%	33%	55%	62%	64%	68%

Solar Hot Water Sizing

California Climate Zone 16

LAKE TAHOE

Load (therms)	Draw (GPD)	Title 24 Building Sq. Ft	SSU-60	SSU-50	SSC/SSU-80	& PHS-80	SSC/SSU-119	& PHS-119
			(1) BP410	(1) BP-48	(2) BP-48	(2) BP-410	(2) BP-410	(3) BP-48
137	40	500-1500	51%	50%	71%	74%	77%	79%
185	60	1500-2500	41%	40%	63%	68%	70%	73%
233	80		34%	33%	55%	62%	64%	68%
281	100		29%	28%	49%	55%	58%	63%