

## Annual Energy Saving Estimates

This table provides potential buyers with independent data on the thermal performance of solar domestic hot water systems that are designed for residential use. The thermal performance is an important factor in the purchase decision since the water heating capacity can vary between systems. However, actual thermal energy output will vary depending on hot water usage, geographical location, and several system installation and operating parameters. Energy output is not the only criteria for selecting a solar domestic hot water system. The cost, expected service life (and warranty), quality of installation, availability of parts and quality of service are also important factors.

Make	Model	Certified to meet CSAF379	Annual Performance Rating **	Number of Collectors or Tubes & Size	Collector Type	Solar Pre Heat Tank Volume	Heat Exchanger Type
Enerworks.	EWRA 1	Yes	5.27 GJ/y	1 x 2.874 m <sup>2</sup>	Flat Plate	272 L	Single Wall
Enerworks	EWRA 2	Yes	8.69 GJ/y	2 x 2.874 m <sup>2</sup>	Flat Plate	272 L	Single Wall
Enerworks	EWRA2-DWHX	Yes	8.33 GJ/y	2 x 2.874 m <sup>2</sup>	Flat Plate	272 L	Double Wall
Globe Solar	IP-195	Yes	3.34 GJ/y	24 tubes = 2.55 m <sup>2</sup>	Evacuated Tube	155 L	Single Wall
Thermodynamics	SB32-9PV	Yes	6.00 GJ/y	1 x 2.98 m <sup>2</sup>	Flat Plate	270 L	Single Wall
Thermodynamics	SB64-9PV	Yes	9.94 GJ/y	2 x 2.98 m <sup>2</sup>	Flat Plate	270 L	Single Wall
CAREarth	NJ-1800-25R-227	Undergoing	5.32 GJ/y	25 tubes = 4.10 m <sup>2</sup>	Evacuated Tube	227 L	Single Wall
CAREarth	NJ-1800-30R-227	Undergoing	6.25 GJ/y	30 tubes = 4.90 m <sup>2</sup>	Evacuated Tube	227 L	Single Wall
CAREarth	NJ-1800-30R-300	Undergoing	6.36 GJ/y	30 tubes = 4.90 m <sup>2</sup>	Evacuated Tube	302 L	Single Wall
Heliodyne	HPAK 016 1 406 G 60	Undergoing	4.25 GJ/y	1 x 2.50 m <sup>2</sup>	Flat Plate	227 L	Double Wall
Heliodyne	HPAK 016 2 406 G 80	Undergoing	7.70 GJ/y	2 x 2.50 m <sup>2</sup>	Flat Plate	303 L	Double Wall
Viessmann	1-200F-200V	Undergoing	5.07 GJ/y	1 x 2.53 m <sup>2</sup>	Flat Plate	200 L	Single Wall
Viessmann	2-200F-300V	Undergoing	8.51 GJ/y	2 x 2.53 m <sup>2</sup>	Flat Plate	300 L	Single Wall
Thermomax	Mazdon HP200/250	Undergoing	6.54 GJ/y	30 tubes = 4.47 m <sup>2</sup>	Evacuated Tube	284 L	Double Wall
Solar Supply Canada	PS 202	Undergoing	7.08 GJ/y	25 tubes = 3.80 m <sup>2</sup>	Evacuated Tube	300 L	Double Wall