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### Solar Heat I Specifications

Energy Usage	Watts	30
Heat Energy Output	Watts	1200 - 2400
Panel Weight	lbs / kg	200/90.9 crated including the motor blower assembly system
	lbs / kg	80/28.6 uncrated
Dimensions	Inches	44W x 88.5H x 4 thick at sides, 8.5 thick at center
Lens		Curved UV stabilized polycarbonate
Flow Rate	cu ft/min	70 +/-
Temperature Gain	°F	50 to 100 degrees (F) over ambient
Modularity Expansion		Yes - working in parallel
Hydronic Integration		Yes - with exchangers
Power Supply Options		115 VAC wall outlet / 12 VDC    220 VAC-50Hz International
BTUs	p/hour	Up to 10,000

### Additional Information

- Puts out more heat per square foot than any other type of panel at any given irradiance level, angle of incidence or flow rate.
- Hermetically sealed, allowing recirculation of filtered household air. This also means that we are not pulling household air over paint.
- No fogged lenses or mold; as household moisture laden air is prevented from getting between the lens and the core.
- Starts sooner, and runs longer with lowest angle of incidence modifier in the industry.
- No tracking device necessary.
- Used for space heating, crop/process drying, and preheating of ventilation air.
- Most cost effective heating system in the world market to date.



**OPERATION:** the unit turns on automatically when the panel pre-heats to 95F/35C and shuts down at 75F/24C at the end of the heating cycle for the day. When compared to the first generation's design, this can mean as much as an extra hour of usable heating time each day.

**NOTE:** the Solar Heat I's motor blower assembly and solar collector panel are *both* certified for CSA and UL electrical codes as required by law in Canada and the U.S. We would be happy to provide you with certification details demonstrating that our entire system meets and exceeds safety codes.