

## GREENBMG presents: Model 1200 Solar Hot Water Heating System with Automatic Blind Shut Off



---

### Why Choose Our Solar Hot Water System?

- ✓ **100% Energy Savings** on water heating during spring, summer, and autumn!
- ✓ **50% Energy Savings** even during winter.
- ✓ **Excess Hot Water** for pools during warmer seasons.
- ✓ **Zero Maintenance** - Worry-free operation.
- ✓ **Long Life Span** - 30+ years of reliable service.
- ✓ **Warranty** - 10 years for peace of mind.
- ✓ **Smart Automatic Blind Shut-Off** to prevent overheating.
- ✓ **250 liter of hot water per collector per sunny day**

---





### How It Works

- ◇ Solar collectors absorb sunlight and heat a water-glycol mixture.
- ◇ Heat is transferred to your hot water tank via a high-efficiency heat exchanger.
- ◇ Auxiliary storage tank ensures backup in low-sunlight periods.
- ◇ System works efficiently even on freezing Canadian winter days!

*(See diagrams and system photos below for more details.)*

---

### Target Users

-  Homeowners
  -  Schools
  -  Contractors
  -  Builders and Developers
-

## Key Benefits

- **Slash your energy bills** by up to **100%** in warm months!
- **Environmentally friendly:** Reduce your carbon footprint.
- **Government rebates** are available for up to **30%** (depending on your region).
- **Simple Installation** with no ongoing maintenance required.
- **Durability:** Built to withstand harsh Canadian winters.

## Performance

- Over **90% energy recovery** efficiency!
- Outperform PV panels in cold and cloudy conditions.
- **Superior Coaxial Vacuum Glass Tube Collectors** – industry-leading efficiency, even at high temperature differentials!

📞 **Contact us today for a FREE consultation or to book your FREE site assessment!**

- ✓ **Phone:** +1 519-590-1292
- ✓ **Website:** [www.greenbmg.ca](http://www.greenbmg.ca)
- ✓ **Email:** [info@greenbmg.ca](mailto:info@greenbmg.ca)
- ✓ **Address:** 16 Gateview Drive, Waterloo, ON N2T 1A2, Canada

## Comparison of GREENBMG water heating systems with the existing systems in the Canadian market

|   | GREENBMG   | Regular vacuum tube | Flat plate | • Unglazed |
|---|------------|---------------------|------------|------------|
| Optical Efficiency                                | 90% - 96 % | 70% - 80%           | 40% - 70%  | • 0-80     |
| Overall installed thermal efficiency (above 0 °C) | 70% - 85%  | 60% - 70%           | 0% - 60%   | • 0%-60%   |
| Overall installed thermal efficiency (Below 0 °C) | 70% - 85%  | Under 50%           | 0%         | • 0%       |

# HOW SOLAR WATER HEATER WORKS

