

Solar Thermal Technical Specifications:

Collector area and mounting: A Solar Pathfinder or a comparable device must show that collectors are subject to at least 5 hours per day unobstructed sunlight (75% shade-free). Collector tilt must follow manufacturer specifications, and orientation must be between 90 degrees and 250 degrees magnetic. Collectors must be secured according to manufacturer's recommendations.

Storage: All systems must follow manufacturer's recommendations regarding storage capacity.

Plumbing: All systems shall include one of the stagnation and freeze protection methods specified in the application form. Installer shall provide assurances for freeze protection to at least -27 degrees Fahrenheit in the case of pressurized systems or 9 degrees Fahrenheit for drainback systems. All systems must have insulation on all exposed and accessible hot water piping.

- Solar water heating systems for pools are not eligible for rebates.

Solar Thermal System Requirements:

- 1) **Installation schedule and requirements:** All systems must be installed within 12 months of the date of the award letter that you will receive from MassCEC after your application is approved. No rebates will be awarded to systems installed before the date on the rebate award letter. Rebates will be paid upon receipt of all project completion documents. Systems and system installation must meet all applicable state and local laws and ordinances.
- 2) **System warranties and certifications:** Solar hot water systems must be whole systems (tanks, collectors, controls, and plumbing), the components must be new, OG-100 or OG-300 certified by the Solar Rating and Certification Corporation ("SRCC")³, and backed by a minimum 10-year manufacturer's warranty for collectors, 2-year warranty for other system components, and at least a 2-year comprehensive installation warranty.

³Solar collectors are eligible if they have interim SRCC certification. However, the system must be installed and the collectors must have achieved Final SRCC Certification within twelve (12) months of the date on the award letter, otherwise the rebate will be automatically forfeited.