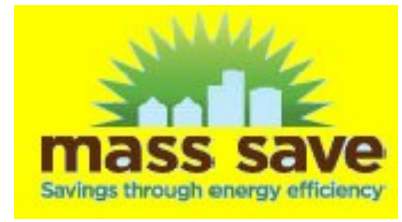




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Contractor Alert: Heat Load Calculation Mandatory in 2012

Program Changes for 2012: System Sizing Requirements

Beginning January 1, 2012, all Cool Smart rebate applications for Central AC and heat pumps must be accompanied by a **Manual J Load Calculation**, documenting that the unit was properly sized for the home and its occupants. The use of Manual J load calculations is a requirement of the building code in both MA and RI.

To ensure that the customer qualifies for a Cool Smart rebate, the contractor must:

- use only an ACCA-approved software package, for Manual J Version 8
- use the nearest weather city data for proper design temperatures (DT)
- comply with ACCA Manual S sizing at the proper Sensible Heat Ratio (SHR) for our region
- submit the Manual J Project Summary page showing proper DT and SHR, and Project Information including number of occupants
- size the installed AC equipment to within the nearest half ton of the Manual J load at proper DT and SHR, or the Manual S recommended size.

Cool Smart recognizes that some contractors may not already have the necessary load calculation software or an understanding of how to do proper system sizing.

In an effort to support the HVAC industry during this program transition, the program sponsors are offering training in system sizing for a nominal fee. The class will help your technicians understand the elements that must be properly captured and documented in order to ensure a properly sized unit.

If you are interested in our System Design class, or in learning about other training and ways that the Cool Smart program can help you earn incentives, please call 508-365-3260. Cool Smart will be offering system design classes starting in December

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