

## MICROPAS8 Release Notes

### v8.1 r04 – 05/16/2013

- Adds support for 2013 California Advanced Home Above Code Reports using new keywords with preface of “2013Calif” instead of “California”.
- 2013CalifAdvancedPrep keyword to take advantage for 2013 standards preparation credit.
- 2010-2012 reports remain available with existing keywords.
- For documentation on the 2013 California Advanced Home program, see [www.californiaadvancedhomes.com](http://www.californiaadvancedhomes.com).

### v8.1 r03 – 01/23/2011

- Fixes problems on alterations that include an altered zone.
- Allows use of longer file names up to 25 characters.
- Improves CF-1R printouts when attic and roof details are not applicable.
- Fixes printing problems when printer selection is cancelled or printer is not available.

### v8.1 r02 – 08/20/2010

- Fixes problems on alterations when upgrading water heaters, ducts and attics.
- Improves printouts on alterations to reduce repetitive information, to clarify slab edge conditions, and when printing multiple masses.
- Zeros therm incentives on Above Code Report when there is no natural gas to site.

### v8.1 r01 – 07/01/2010

- Newly CEC approved version. Can be used for compliance upon release. All compliance submittals made after July 31, 2010 must be made with v8.1.
- Results will be different from earlier versions. On new construction, the differences are minor and generally neutral on compliance. The differences are larger on additions and alterations and generally make compliance easier.
- Significant change to how Joint Appendix 4 references are done. Program now looks the values up and inserts them automatically. If a lookup is not successful, it adds a message that says that non-standard U-factors are being used.
- Fixes a HERS verified transfer file bug introduced in v8.0 r12 that occurs only when the above code report is requested. A simple work around is to create a transfer file with the above code report set to “No”.

### v8.0 r13 – 06/07/2010

- Fixes a problem printing R-values in r12.

### v8.0 r12 – 06/06/2010

- Adds support for Above Code Reports for use with utility incentive programs like the California Advanced Homes and green programs like LEED. User chooses the type of report and enters additional data in the CALCULATIONS AND REPORTS section.

### v8.0 r11 – 02/08/2010 and r10 – 02/07/2010

- Improved support for central fan integrated ventilation systems.

## v8.0 r09 – 01/26/2010

- New version release naming convention. Minor fixes now change release number (e.g. r09)
- Fixes water heating problems on large storage electric and indirect systems
- Enables low leakage air handlers with user specified duct leakage
- Fixes attic mass when keywords not used for light mass
- Fixes bug with multiple slab edges and multiple slabs introduced in v8.06

## v8.08 – 01/20/2010

- Fixes problem with HERS transfer file when subdirectories used
- Leaves installation settings alone when installing new version

## v8.07 – 01/17/2010

- Fixes E+A+A cases that were generating more than 2 zone error message
- Adds MF-1R printout

## v8.06 – 01/14/2010

- Allows more than 25 line display
- Fixes search errors on cardinal runs
- Fixes E+A and E+A+A cases that were generating slab edge error message

## v8.05 – 01/11/2010

- Fixes sequential printing problems
- Removed reporting of HERS features from Special Features on CF-1R

## v8.04 – 01/07/2010

- Includes more descriptive error messages for slab edges
- The report printer has been added for those that prefer this print option
- Fixes a problem on standard design related to the use of packaged equipment

## v8.03 – 12/31/2009

- Allows buildings with no attic area to run
- Fixes problem on buildings with no ducts
- Fixes E+A and E+A+A cases that were generating attic area error message

## v8.02 – 12/29/2009

- Adds separate icon for documents on desktop
- Fixes problem when converting older files with subdirectories

## v8.01 – 12/23/2009

- Fixes Energy Factor on Tankless water heaters on CF-1R
- Always reruns standard design to ensure that it is current

## v8.00 – 12/21/2009

- Initial release

