



## Residential Energy Code: Michigan (CZ 5/6/7) 2015 IECC Model Code, MI 2015 IECC Code Amendments

*Note: This document does not contain all provisions of each code;  
Only the major changes to the code are listed.*

Requirements	2015 IECC Model Code	MI 2015 IECC Amendments
<b>Tables 402.1.2 &amp; 402.1.3</b>		
<b>Wood Frame Wall Insulation</b>	R-value: 20 or 13 +5 (CZ5) 20+5 or 13+10 (CZ 6/7) U-factor: 0.060 (CZ 5) 0.045 (CZ 6/7)	<b>R-value: 20 or 13+5 (CZ5/6/7)</b> <b>U-factor: 0.057 (CZ 5/6/7)</b>
<b>Ceiling Insulation</b>	R-value: 49 (CZ5/6/7) U-factor: 0.026 (CZ5/6/7)	<b>R-value: 38(CZ 5)</b> 49 (CZ 6/7) <b>U-factor: 0.030 (CZ 5)</b> 0.026 (CZ 6/7)
<b>Basement/Foundation Wall Insulation</b>	R-value: 15/19 (CZ5/6/7) U-factor: 0.050 (CZ5/6/7)	<b>R-value: 10/13 (CZ 5)</b> 15/19 (CZ 6/7) <b>U-factor: 0.059 (CZ 5)</b> 0.050 (CZ 6/7)
<b>All other Requirements</b>		
<b>Air Leakage Testing</b> (402.4.1.2)	Mandatory: Must follow guidelines in Table 402.4.1.1 and verify air leakage of 3 ACH50 or less	Mandatory: Must follow guidelines in Table 402.4.1.1 <b>Prescriptive: Building or dwelling must test to verify air leakage rate of 4 ACH50 or less</b>
<b>Duct Insulation</b> (403.3.1)	Prescriptive: Supply and return ducts in attics shall be insulated to a minimum of R-8 or R-6, depending on diameter. All other ducts shall be insulated to a minimum of R-6 or R-4.  Exception: Ducts located completely inside the building thermal envelope	Prescriptive: Portions of the air distribution system shall be installed according to section M1601 and insulated to an R-6 when located within the building thermal envelope but outside conditioned space and R-8 when outside the building. When located within a building envelope assembly, at least R-8 shall be applied between the duct and that portion of the

		assembly farthest from conditioned space <u>Exception:</u> Portions of the air distribution system within appliances or equipment
<b>Duct Leakage Testing</b> <i>(403.3.4)</i>	Prescriptive: Total leakage of ducts should meet the following specifications:  <u>Rough in test:</u> Air Handler Installed: 4 cfm/100 sq. ft of conditioned floor area or less  Air Handler Not Installed: 3 cfm/100 sq. ft of conditioned floor area  <u>Post construction test:</u> Total Leakage: 4 cfm/100 sq. ft of conditioned floor area or less	<b>Mandatory:</b> Total leakage of ducts should meet the following specifications:  <u>Rough in test:</u> Total Leakage: 4 cfm/100 sq. ft of conditioned floor area or less  <u>Post construction test:</u> Total Leakage: 4 cfm/100 sq. ft of conditioned floor area or less
<b>Air Barrier and Insulation Installation</b> <i>Table 402.4.1.1</i>	No Requirement	<b>Changes to the layout of the table and minor changes to walls, floors and sprinkler section.</b>
<b>Standard Reference Design – Tested Ducts</b> <i>Table R405.5.2 (1)</i>	No reference to location of tested duct systems	<b>Specifies that location of tested ducts be in the unconditioned attic</b>