



Chapter 11 Energy Efficiency Prescriptive Path Comparison for New Dwellings*

		2019 RCO Sections 1101.14-1104	2019 RCO Section 1112 (OHBA Path #1)	2019 RCO Section 1112 (OHBA Path #2)	2018 IECC
Fenestration U-factor	CZ 4	0.32	0.32	0.32	0.32
	CZ 5	0.30	0.32	0.32	0.30
Skylight U-factor	CZ 4	0.55	0.60	0.60	0.55
	CZ 5	0.55	0.60	0.60	0.55
Fenestration SHGC	CZ 4	0.40	NR	NR	0.40
	CZ 5	NR	NR	NR	NR
Ceiling R-value	CZ 4	49	49	49	49
	CZ 5	49	49	49	49
Wood frame wall R-value	CZ 4	20 or 13+5	15 or 13+3	13	20 or 13+5
	CZ 5	20 or 13+5	15 or 13+3	13	20 or 13+5
Basement wall R-value	CZ 4	10/13	10/13	10/13	10/13
	CZ 5	10/13	10/13	10/13	15/19
Crawl space wall R-value	CZ 4	10/13	10/13	10/13	10/13
	CZ 5	10/13	10/13	10/13	15/19
Thermal envelope testing		Tested to ≤ 5 ACH50	Tested to ≤ 5 ACH50	Tested to ≤ 5 ACH50	Tested to ≤ 3 ACH50
Duct pressure testing		Rough-in: Total leakage w/ air handler: ≤4 cfm/100 sq. ft. -OR- Total leakage w/o air handler: ≤3 cfm/100 sq. ft. -OR-	Rough-in: Total leakage w/ air handler: ≤6 cfm/100 sq. ft. -OR- Total leakage w/o air handler: ≤4 cfm/100 sq. ft. -OR-	Rough-in: Total leakage w/ air handler: ≤4 cfm/100 sq. ft. -OR- Total leakage w/o air handler: ≤3 cfm/100 sq. ft. -OR-	Rough-in: Total leakage w/air handler: ≤4 cfm/100 sq. ft. -OR- Total leakage w/o air handler: ≤3 cfm/100 sq. ft. -OR-
		Post-construction: Total leakage: ≤4 cfm/100 sq. ft.	Post-construction: Leakage to outdoors: ≤6 cfm/100 sq. ft. -OR- Total leakage: ≤9 cfm/100 sq. ft.	Post-construction: Leakage to outdoors: ≤4 cfm/100 sq. ft. -OR- Total leakage: ≤6 cfm/100 sq. ft.	Post construction: Total leakage: ≤4 cfm/100 sq. ft.
Lighting equipment		90% High-efficacy lamps	90% High-efficacy lamps	90% High-efficacy lamps	90% High-efficacy lamps

*This chart is not to be used as a substitute for the actual code requirements. It is intended to be a quick overview of the prescriptive path options found in the 2019 RCO Chapter 11 for new dwellings. There are mandatory requirements and exceptions that are not reflected in this chart. Prescriptive energy efficiency requirements for existing dwellings are found in the 2019 RCO Sections 113 and 1107 through 1111. Alternatively, these prescriptive values can typically be reduced, traded up, or traded down by using computer modeling software to demonstrate compliance using performance methods such as the Total UA Alternative, the Simulated Performance Alternative, or the Energy Rating Index (ERI) Compliance Alternative outlined in the 2019 RCO Chapter 11.