

**2015 ILLINOIS ENERGY CONSERVATION CODE (ILECC) TABLE R402.1.2
RESIDENTIAL MINIMUM ENERGY EFFICIENCY REQUIREMENTS
BUILDING THERMAL ENVELOPE (BTE*)- ALGONQUIN - CLIMATE ZONE 5**

WINDOW & DOOR U-FACTOR (max)	SKYLIGHT U-FACTOR (max)	GLAZING SHGC (max)	CEILING R-VALUE (min)	WOOD FRAME WALL R-VALUE (min)	MASS WALL R-VALUE (min)
0.32	0.55	NR	49	20 or 13 cavity + 5 continuous	13 outside / 17 inside

FLOOR R-VALUE (min)	BASEMENT WALL R-VALUE (min)	UNHEATED SLAB R-VALUE / DEPTH (min)	HEATED SLAB R-VALUE / DEPTH (min)	CRAWL SPACE WALL R-VALUE (min)
30	10 continuous / 13 stud cavity (full height) 15 continuous / 19 stud cavity (top 4 feet)**	10 / 2 feet	15 / 2 feet	15 continuous / 19 stud cavity

ALL PRODUCTS SHALL BE LABELED BY THE MANUFACTURER WITH THE TESTED VALUES. (R303.1.2)

ALL LABELS SHALL REMAIN ON PRODUCTS UNTIL INSPECTED AND APPROVED. (R303.1.3)

Supply and return ducts \geq 3 inches in diameter in attics shall be insulated to a minimum of R-8.

Supply and return ducts $<$ 3 inches in diameter in attics shall be insulated to a minimum of R-6.

Supply and return ducts \geq 3 inches in diameter in other areas outside the BTE* shall be insulated to a minimum of R-6.

Supply and return ducts $<$ 3 inches in diameter in other areas outside the BTE* shall be insulated to a minimum of R-4.2.

Yellow shading denotes change from 2012 ILECC

2015 Illinois Energy Conservation Code effective January 1, 2016.

** Denotes Illinois amendment

<http://www.illinois.gov/cdb/business/codes/Pages/IllinoisEnergyConservationCode.aspx>