**Triple E Program Requirements Checklist**

(intended for builders and customers)

**Minimum Insulation Requirements (Prescriptive & Performance Standards)**

**Proposed Home**

Attic

Exterior Walls

Rim Joist Continuous

Foundation/Basement Wall

Slab Perimeter

Under Slab

Floor Over Exterior/Unheated

Space

Floor Over Heated Space

Air Tightness

R-60

R-21 cavity plus R-5 continuous or

R-20 continuous

R-20 cavity plus R-5 continuous or

R-20 continuous

R-20

R-20

R-20

R-30 cavity plus R-5 continuous

R-30 cavity

< .20 cfm/ft2 @ 50 pascals

**Window Requirements**

Window U-value Window Distribution Max Window Area

< .30

< 62.5%

max 18%

**Minimum Equipment Requirements (HVAC)**

Backup Gas Furnace Heating

(forced air)

Backup Gas Boiler Heating

(hot water) Electric Heating

Electric Cooling (SEER)

Air-to-Air Heat Exchanger

> 90% AFUE with EMC motor

> 90% AFUE

any

> 14.5

> 80% HRV or ERV

Thermostats for Forced Air

**Water Heater Requirements**

ENERGY STAR® Programmable

**Electric Gas**

40 Gallon

50 Gallon

60 Gallon

80 Gallon

Gas Instantaneous (tankless)

0.93

0.92

0.91

0.89 n/a

0.62

0.59

0.57

0.53 any

**Additional Requirements**

Compliance with Thermal Bypass

Checklist

Duct Location

Duct Insulation

ENERGY STAR® Lighting ENERGY STAR® Dishwasher ENERGY STAR® Clothes Washer ENERGY STAR® Refrigerator

yes

conditioned space only

R-8

5 fixtures required required required required

Visit [**www.mnpower.com/TripleE**](http://www.mnpower.com/TripleE) for more details or to reference the Program Standards Section.