

# Touchstone Energy New Home REBATE

# \$750

- Must be built to Touchstone Energy Home Standards
- Two inspections are **REQUIRED**: Pre-drywall and a final inspection with blower door test
- ENERGY STAR Heat Pump Minimum (for a split system heat pump, the ENERGY STAR standard is 15.2 SEER<sup>2</sup> / 7.8 HSPF<sup>2</sup>)
- Tanked electric water heater required

Rebate processed and paid after passing both inspections.

Please call 270-765-6153 option 2 for more information and to request rebate inspections. *\*Must allow at least two business days for Nolin to complete pre-drywall inspection after request.*



A Touchstone Energy® Cooperative 

# Touchstone Energy HOME Program Standards

## INSULATION

**PRE-DRYWALL INSPECTION BY NOLIN RECC REPRESENTATIVE REQUIRED**

ATTIC	R-44
CATHEDRAL CEILINGS	R-30 (MAXIMUM 500 ft <sup>2</sup> or 20% OF TOTAL INSULATED CEILING AREA what ever is less)
KNEE WALLS	R-13 W/ A FULLY SEALED AIR BARRIER INSTALLED ON THE ATTIC SIDE OF THE WALL
EXTERIOR WALL	R-13
BASEMENT WALL	R-10 (CONTINUOUS)/ R-13 (FRAMED CAVITY)
FLOOR	R-19 (CRAWLSPACE FLOOR MUST BE COVERED WITH 6 MIL VAPOR BARRIER AND MUST BE GLUED TO FOUNDATION WALLS AND AT JOINTS)
SLAB	R-10 (2 FEET VERTICAL OR HORIZONTAL)
CRAWLSPACE WALLS(conditioned)	R-10 (CONTINUOUS)/ R-13 (FRAMED CAVITY)
DUCTS	SUPPLY DUCTS IN ATTICS SHALL BE INSULATED TO A MINIMUM OF R-8 ALL OTHER DUCTS SHALL BE INSULATED TO A MINIMUM OF R-6
WINDOWS	U-VALUE ≤.30 (MAXIMUM 18% OF WALL SQUARE FOOTAGE)

## AIR SEALING

BLOWER DOOR TEST	FINAL AIR LEAKAGE MUST BE TESTED TO BE LESS THAN 7 ACH (AIR CHANGES PER HOUR) @50 PASCALS
DUCT LEAKAGE	JOINTS AND SEAMS OF DUCT SYSTEMS SHALL BE MADE SUBSTANTIALLY AIRTIGHT BY MEANS OF FOIL TAPE THEN A LAYER OF MASTIC, OR MASTIC TAPE. *LEAKAGE TO OUTDOORS <8CFM PER 100 SQ.FT. OF CONDITIONED SPACE
LIGHTING	RECESSED LIGHTING FIXTURES BORDERING UNCONDITIONED SPACE MUST BE ICAT (INSULATION CONTACT AIR TIGHT) RATED (NOTE: THE JOINT BETWEEN THE EDGE OF THE ICAT FIXTURE AND THE SHEETROCK MUST BE SEALED WITH CAULKING) 95% OF ALL LIGHTING IN THE HOME MUST BE LED OR CFL

## VENTILATION

ATTIC VENTILATION	MINIMUM ATTIC VENTILATION SHOULD BE ONE SQUARE FOOT PER 150 ft <sup>2</sup> CEILING AREA
MECHANICAL VENTILATION	WHOLE HOUSE VENTILATION RECOMMENDED

## MECHANICAL EQUIPMENT

HVAC	AIR SOURCE HEAT PUMPS	MUST MEET OR EXCEED CURRENT ENERGY STAR STANDARDS
	GROUND SOURCE HEAT PUMP	MUST MEET OR EXCEED CURRENT ENERGY STAR STANDARDS
	** HVAC INSTALLER MUST SUPPLY A LOAD CALCULATION	<b><i>*Please contact your Co-op Energy Advisor for more details.</i></b>
WATER HEATING	ELECTRIC STORAGE TANK WATER HEATER (REQUIRED) (INSTANTANEOUS(Tankless) WATER HEATERS PROHIBITED)	
	ENERGY FACTOR RATING	MUST MEET CURRENT DOE MINIMUM RESIDENTIAL STANDARD