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- Thermal Enclosure
  - Water Management
  - Heating & Cooling
  - Additional Features
  - Home Monitoring
  - Solar Energy
- 
- 1Minimum Low-E2 windows
  - 2Advanced framing, thermal breaks and engineered lumber
  - 3SPF (Spray Polyurethane Foam) insulation in walls
  - 4Conditioned attics sealed with SPF
  - 5Damp-proof barrier on below-grade concrete (wet climates only)
  - 6Drain slope on exterior of home
  - 7Sloped grading for superior drainage
  - 8Moisture-resistant roof underlayment
  - 9Window flashing
  - 10Moisture-resistant material behind tubs and showers
  - 11Minimum SEER 14 HVAC
  - 12Sealed insulated ducts
  - 13Jump ducts
  - 14ANSI/ASHRAE 62.2 mechanical fresh-air management system
  - 15Minimum MERV 8 HVAC filtration
  - 16Independent inspections and testing
  - 17ENERGY STAR® Appliances
  - 18CFL Lighting
  - 19Advanced programmable thermostat
  - 20Water-efficient faucets and shower heads
  - 21Dual-actuated toilets
  - 22Weather-sensing controller (optional)
  - 23Weather sensor (optional)
  - 24PEX Plumbing
  - 25Low to zero VOC materials, paints, stains and adhesives
  - 26Humidistats (humid climates only)
  - 27ACCA manual engineered duct and register systems
  - 28Optional LED lighting
  - 29Reinforced concrete slab
  - 30Home bridge
  - 31Home keypad and deadbolt
  - 32Indoor/outdoor wireless camera
  - 33Appliance module
  - 34Remote monitoring control on laptop, tablet or smart phone
  - 35Home energy management and remote thermostat
  - 36Solar roof panels for energy production
  - 37Solar water heater
  - 38Solar control center
  - 39Remote monitoring control on laptop, tablet or smart phone

#### Minimum low-E2 windows



 [Back to Energy Efficiency](#)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
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- 39
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### Minimum Low-E2 windows

This UV-resistant window system of protection lets sunlight in while keeping UV rays and more than 70% of the sun's heat out. They also help reduce fading of household items by up to 75% and the chance of indoor condensation.





2

### Advanced framing, thermal breaks and engineered lumber

Construction includes advanced construction techniques to make your walls straighter, stronger, and more energy efficient. Together, these techniques drastically reduce hot and cold spots so your entire home is more comfortable.

3

### SPF (Spray Polyurethane Foam) insulation in walls

Reducing heating and cooling costs up to 30%, SPF creates a thermal barrier to help seal your home from outside air and moisture intrusion, save energy, and protect against mold, airborne pollutants, and allergens.



4

### Conditioned attics sealed with SPF

Attic temperatures can range from below 0 – 150° throughout the year. However, our SPF-conditioned attics average only about a 7° difference in temperature from your thermostat setting, helping to keep your energy costs down.

5

### Damp-proof barrier on below-grade concrete (wet climates only)

Water barriers in your roof and walls help shed rain and snow, and protect your home. In wet areas, Meritage also include underslab barriers to reduce water intrusion from groundwater into your home.

6

### Drain slope on exterior of home

One of the keys to a home's durability is in shedding rain and snow. Meritage uses design and material to effectively push water to the outside of your home, where it can drain and allow the home to dry.

7

### Sloped grading for superior drainage

Meritage includes many features to make your home operate more efficiently and durably. Engineered water management helps divert storm water from your home to your storm sewers to reduce negative impacts.

8

### Moisture-resistant roof underlayment

New materials like moisture-resistant roof underlayment are more durable, drain water better, and reduce water leaks and sitting water like conventional materials, which could lead to damage and promote mold.

9

### Window flashing

One of the most common sources of air and water leaks is around windows. Meritage uses caulks, adhesives, and flashing to better seal and drain storm water away from the window casement.

10

**Moisture-resistant material behind tubs and showers**

Over the life of a home, water and steam can degrade the structure behind showers and bathtubs if not protected. Meritage constructs your homes with moisture resistant materials to better prolong the life of your home.

11

**Minimum SEER 14 HVAC**

As a standard in every home we build, Meritage installs a more efficient heating and cooling system that is quieter, costs less to operate, reduces indoor humidity, and improves the overall comfort of your home.



12

**Sealed insulated ducts**

Air leaks can account for half of the cost to heat and cool a home. To ensure efficiency, Meritage redesigned the HVAC system with insulated ducts that are sealed and tested through the EPA's ENERGY STAR home inspection processes.



13

**Jump ducts**

Jump ducts allow air to move through rooms when a door is closed to help maintain even circulation of air throughout every room, improve comfort levels, and help stop unintentional door movement when the air turns on.



14

**ANSI/ASHRAE 62.2 mechanical fresh-air management system**

Not only do our homes seal out pollutants and allergens, but we also include a complete fresh-air management system to ensure your home circulates the necessary amount of clean, filtered, and fresh air.



15

**Minimum MERV 8 HVAC filtration**

Our MERV 8 air filtration helps to remove any pollen, dust, dander, and other particulates that get indoors. It helps to improve your home's air quality, reduce affects of allergies, and increase the life of your HVAC.



16

### Independent inspections and testing

Every home we build is modeled, inspected, and tested to ensure it exceeds the rigorous standards set by the EPA's ENERGY STAR program. We provide peace of mind that the EPA certified your home to exceed their specifications.

17

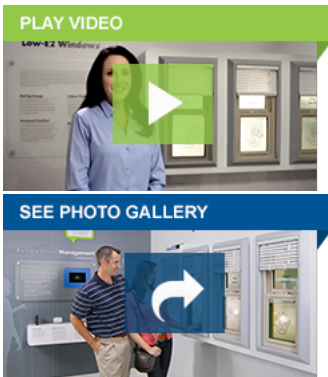
### ENERGY STAR appliances

We install ENERGY STAR appliances, which means they have been tested by a third party rater to work better and save you 10 to 50% on water and electricity usage and costs, when compare to standard appliances.

18

### CFL lighting

CFL bulbs can save about 75% on energy costs, and last up to 10x longer, compared to incandescent bulbs. CFL bulbs also don't radiate as much heat, leaving less work for your A/C system to do while cooling your home.



19

### Advanced programmable thermostat

A programmable thermostat helps regulate the temperature in your home to make it more comfortable, and reduce your heating and cooling energy consumption by up to 30% when using the pre-programmed settings.

20

### Water-efficient faucets and shower heads

The water-efficient fixtures we include with every home are engineered to provide equal or better performance than conventional fixtures, while also reducing water and heating costs by as much as 50%.



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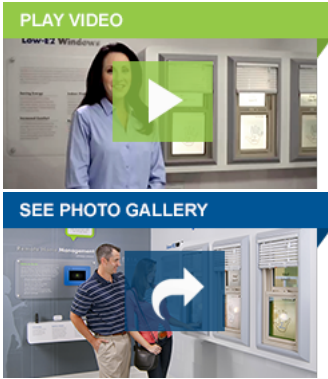
### Dual-actuated toilets

Through design and function, dual-actuator toilets allow homeowners significant utility savings. They also provide the user controls to ensure there's no loss of performance at any given time.

22

### Weather-sensing irrigation controller

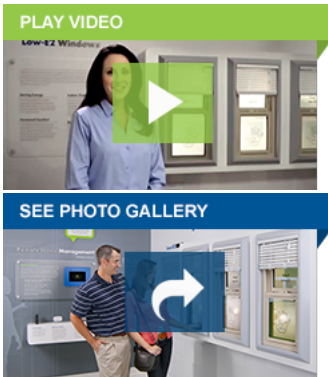
While helping to reduce overwatering and wasted money by as much as 50%, the controller uses weather data, such as temperature and rain gauges, to adjust irrigation and keep plants healthy.



23

### Irrigation weather sensor

A weather sensor works with a smart controller to monitor temperature and rainfall and adjust outdoor watering schedules accordingly. A weather-sensing irrigation system can save up to 50% of wasted water.



24

### PEX plumbing

As a superior alternative to metal piping, PEX plumbing delivers pressurized water throughout your home. It also resists scale buildup, is more resistant to temperature and pressure changes, and doesn't transfer heat like metal piping.



25

### Low to zero VOC materials, paints, stains and adhesives

Throughout the building process, we have included features to improve the indoor air quality of your home. With every build, we specify Low VOC materials during construction help to promote a healthier environment.

26

### Humidistats (humid climates only)

In humid climates, our included humidistat works with your thermostat to reduce humidity levels in your home and the potential for excess moisture, mold, or dampness.

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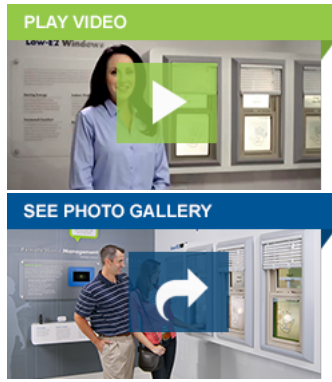
### ACCA manual engineered duct and register systems

After having such a well-insulated home and conditioned attic with reduced air leakage, we also redefined your home's potential comfort level by using HVAC systems that work smarter and include features for more home comfort.

28

### Optional LED lighting

LED bulbs are more energy-efficient than incandescent bulbs and last about 133x longer. They also use less energy and emit more light per watt than incandescent or CFL bulbs, converting about 75% of energy to light instead of heat.



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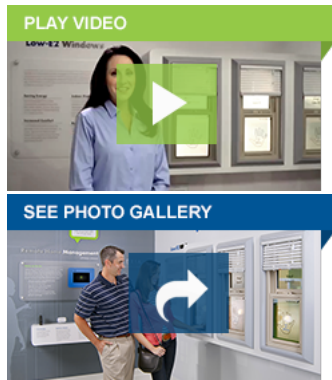
### Reinforced concrete slab

While it is normal for concrete to get small cracks while curing, steel reinforcements make a concrete slab stronger and reduce the opening, or widening, of cracks that would impact tile or other hard surfaces.

30

### Home bridge

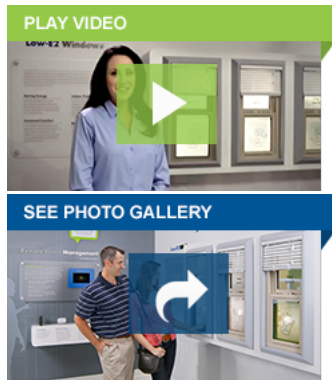
The Nexia Bridge is the epicenter of your home's advanced controls. It connects all your Nexia products and allows you to remotely manage your home's security and energy usage from any smart device connected to the Internet.



31

### Home keypad and deadbolt

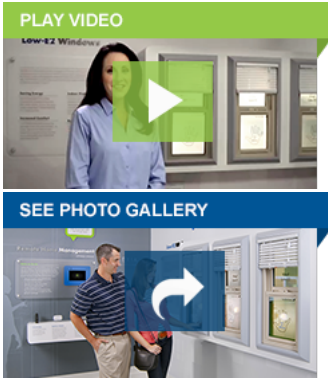
The Home Keypad and Deadbolt lets know who is coming and going in your home—allowing 19 personalized codes, time stamp entry and exit, and the ability to double-check locked doors or remotely grant entry while away.



32

### Indoor/outdoor wireless camera

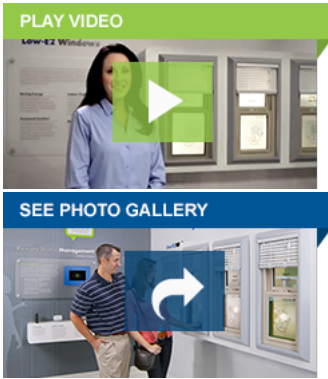
With the Home Indoor and Outdoor Camera, you can record, store, and remotely monitor activities in and around your home. The outdoor camera also has motion detection and infrared capabilities to enhance your home's security.



33

### Appliance module

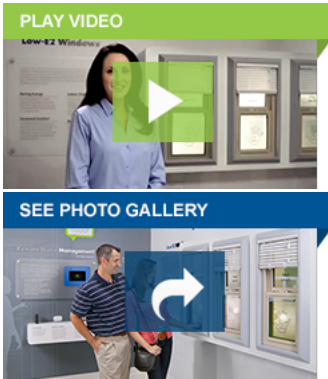
Whether home or away, the Home Appliance Module makes it easy for you to remotely operate lamps, stereos, and other small appliances from a computer, tablet, and smart phone.



34

### Remote monitoring control on laptop, tablet or smart phone

Compatible with most mobile devices, this application can act as the information and control center for your home. With quality, clean graphics and one-touch control, you can manage your home almost anywhere.



35

### Home energy management and remote thermostat

The eMonitor feature integrates with your home, allowing you to remotely monitor and manage your home thermostat and energy usage by accessing online, minute-by-minute analytics and recommendations for major and minor appliances.







36

### Solar roof panels for energy production

The available roof-integrated solar array not only helps drastically reduce your home's operating cost, it also looks great.

37

### Solar water heater

With a large and highly insulated solar water heater, you're better able to store and maintain the water's temperature, enjoy more renewable hot water whenever you want, and reduce the energy that is wasted while heating it.



38

### Solar control center

The Solar Control Center manages remote access and connects your solar panels, water heater, thermostat and HVAC, allowing them to work in unison to save energy, keep a comfortable temperature, and manage your indoor air quality.



39

### Remote monitoring control on laptop, tablet or smart phone

Even when you're not home, you can access your Echo solar system by computer or mobile device to view and control every aspect of operation.





\* Picture is representative and may depict or contain, and features list above may contain, floor plan, square footages, elevation, options, upgrades, design features, decorations, furnishings, appliances, and other features and amenities that are not included as part of all homes and/or may not be available in all communities. Plans, dimensions, features, specifications, materials, and availability of homes and/or communities are subject to change without notice or obligation.

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### Echo Solar System

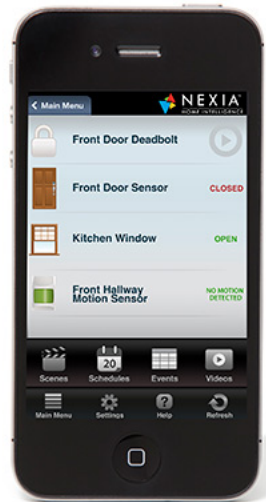


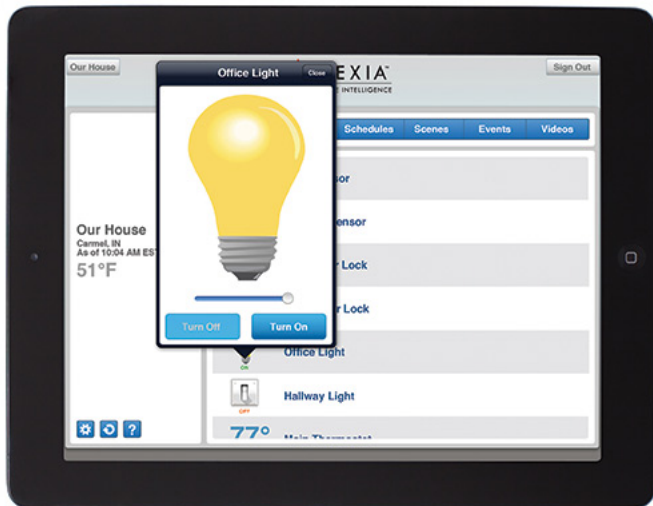
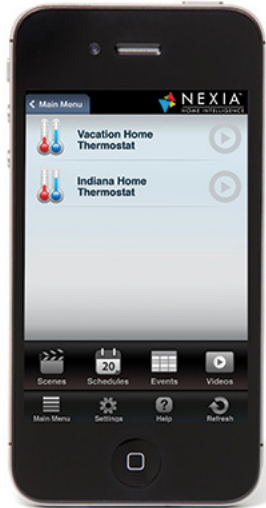
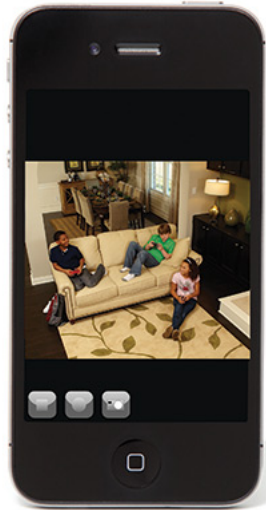


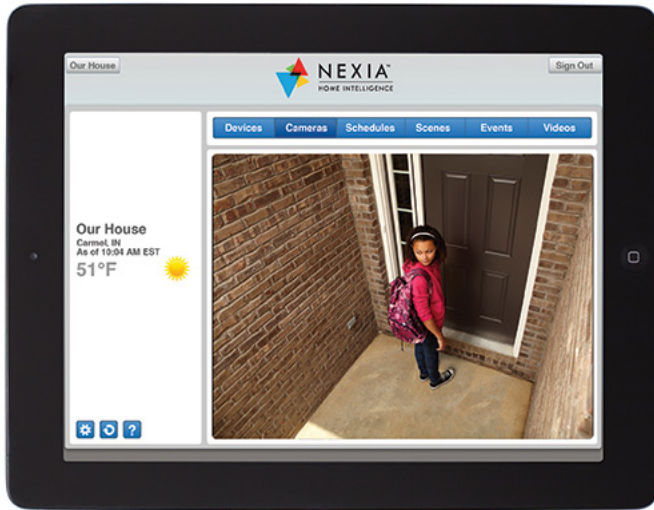


[nextprev](#)  
close

### Remote Home Management







[nextprev](#)  
close

### EE Lighting



close

### Weather-sensing irrigation controller



close

### Minimum Low-E2 windows



close

### Sprayfoam Insulation



[nextprev](#)  
[close](#)

### Water Efficient Fixtures







[nextprev](#)

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**Energy Savings**

Actual savings may vary and may depend in part on occupant behavior, timing, and/or fluctuating costs of energy usage and actual climate zone conditions. All referenced energy savings, water reduction, and ultraviolet ray reduction information is based on data published by the EPA and DOE.

All promotional, marketing, and advertising estimates and claims, including, without limitation, claims related to energy savings or performance, and related certifications, exclude attached product communities and all communities in the following markets: Tennessee; Georgia; Greenville and Spartanburg, South Carolina; and all communities acquired in connection with Meritage's acquisition of certain assets of Legendary Communities in the Charlotte, North Carolina and York County, South Carolina markets. Energy and other features, options, and upgrades may not be applicable or available in the foregoing markets.