

Homes that do more.

## The Science of Building

Certified U.S. Department of Energy **Zero Energy Home** | E.P.A. Indoor AirPLUS Qualified Home

## Sustainable Power & Energy

### Tesla Powerwall

The Tesla Powerwall is the future of energy management. This sleek home energy storage system integrates with your solar to power your home in the event of a power outage. This game-changing technology is helping families increase their independence from the grid and save thousands on their annual energy bill.

### Solar Power & Energy Monitoring System

Solar panels produce clean renewable energy while lowering your electric bills. System size will vary depending on the home plan and orientation. 20-Year maintenance free with any repairs or services covered at no cost to you. The Energy Monitoring System allows you to monitor electricity usage and production. Ask our Community Sales Consultant for more information.

## Energy Efficiency

### HERS SCORES typically 10 or Below

A HERS Score is a measurement of a home's energy efficiency - similar to the mpg rating for a car. A HERS score allows buyers to compare the energy efficiency of homes they are considering buying. The lower the score, the better. As a comparison, a typical 10-year old home averages a score of 130, a typical new home scores roughly an 100; an Energy Star home scores an 70; and a Zero Energy home scores a Zero. Again - The lower the score, the better.

### Energy Use Guaranty

Your home's energy use costs are warranted with a "Built-In Savings Guaranty". This two-year guaranty protects you if your total energy costs exceed the predicted amount over a 12-month period. Utilities included in the Guaranty: Heating, Cooling, Lighting, Appliances, Hot Water Heating. Please refer to the Built-In Savings Guaranty brochure.

### Advanced Building System®

Thrive's premium performance exterior DOUBLE 2x4 Walls with studs staggered at 24" with a 2½" space. The resulting 9½" exterior wall provides amazing benefits including increased money -saving insulation (R-40), exceptional energy performance, excellent air barrier support and noise reduction.

### 14-inch Raised Heel Roof Trusses

This is where the roof meets the exterior wall. Compare Thrive's 14-inch height to a standard roof truss which is only 4-inches high. The amount of insulation in this home is a full 10 inches deeper across the entire ceiling/attic, allowing for R-50 insulation at exterior wall plane which improves the overall energy efficiency of your home.

### Carrier® Infinity Touch Control Thermostat:

Provides 5-2 (weekdays-weekends) programming to fit your lifestyle.

### Carrier® 18 SEER Infinity 18VS Heat Pump

The exclusive Infinity Series heat pump is the first of its kind. Variable speed technology provides precise delivery of heating and cooling in longer, slower speed run times. That equals comfort, savings and quiet operation. Also includes a 97% efficient Carrier® auxiliary gas furnace for extreme cold.

### Tankless Water Heater

With a .94 energy factor, a tankless water heater revolutionizes comfort, energy efficiency and convenience with an endless supply of hot water, at a more consistent temperature, whenever you need it. Compared to a typical tank-style water heater, a tankless unit uses less energy, is a fraction of the size and has a typical life expectancy of up to 20 years—twice as long as a tank-style unit.

### Air Conditioning Included at No Extra Cost!

### Anderson® Windows

As quiet as they are energy efficient, these Low-E, argon gas-filled windows feature high performance glass that reduces the sun's damaging ultraviolet rays which can fade your carpets, curtains and furniture. A typical U-Value of .25 and backed by a lifetime warranty and meet or exceed ENERGY STAR® qualifications.

### Blown-In, High-Performance PROPINK® L77 Insulation

This Owens-Corning insulation creates a thoroughly insulated thermal shell. Unlike batt insulation, blown-in fiberglass insulation easily flows around wires, electrical boxes and pipes, and penetrates odd shaped cavities. R-40 in exterior walls, R-50 in attic.

### Owens Corning EnergyComplete®

Air leakage is one of the biggest sources of heating and cooling loss in a home. EnergyComplete® Sealant seals the leaks and improves your indoor air quality by reducing allergens and outdoor air pollutants, blocks gaps and holes to help keep out insects and other pests, and reduces the flow of moist air that can lead to mold in your walls.

### Tyvek Drainwrap

Surrounds the house with a protective barrier to help seal out energy-robbing leaks and drafts and improve energy efficiency and indoor air quality.

### 3rd Party Verification

Independent testing by a qualified third-party of the thermal envelope and energy systems with individual inspections to insure adherence to DOE Zero Energy Ready specifications.

### Lighting

Airtight recessed can lighting to reduce energy loss and limit moisture transfer. 100% LED 2700K light bulbs.

## Healthy Home & Cleaner Air

### Indoor airPLUS Certified

Recognized by the Environmental Protection Agency, our homes meet the EPA's rigorous guidelines for improved indoor air quality and are built with a comprehensive package of measures to minimize dangerous pollutants, provide continuous fresh air, and effectively filter the air your family breathes.

### Active Radon System

An active radon system is used to mitigate radon in the home by using vent pipe that runs underneath the slab and up through the attic with the use of a fan.

## Healthy Home & Cleaner Air ~ Cont'd

### Carrier® Performance™ Air Purifier

The Carrier® whole home air purifier helps keep the air you breathe healthier. It features patented Captures & Kills™ technology, kills 96% of trapped viruses and bacteria, and repurifies whole home indoor air as many as 8 times per hour.

### Broan® Energy Recovery Ventilator (ERV)

An Energy Recover Ventilator is a fresh air system. It brings in the fresh air and exits the stale year round. It pre-conditions the air coming in so you can enjoy fresh air without overworking your system.

### Certainteed AirRenew® Drywall

AirRenew® actively cleans the air. It is the industry's first formaldehyde-absorbing technology which actively removes formaldehyde from the air, converting it into a safe, inert compound, improving indoor air quality for generations.

### ESP Certified Cabinetry and Countertops

Our cabinetry and countertops carry the Environmental Stewardship Program seal of certification and meets or exceeds stringent manufacturing criteria including: Control of air quality and emission levels, use of certified and sustainable materials, energy efficient manufacturing processes, and waste and recycle management.

### Transfer Grilles

Transfer grilles between rooms improve the energy efficiency of homes by facilitating air circulation and ensure heated or cooled air moves freely throughout the home to promote a more consistent temperature throughout the home.

### Zero VOC paints

Sherwin Williams Harmony® improves indoor air quality by reducing VOC levels from potential sources like carpet, cabinets and fabrics and provides a washable, durable finish. This acrylic paint is GreenGuard® Indoor Air Quality Certified and GreenGuard® Certified for Children.

## Interior Comfort

### Ceiling Height

10-Foot Ceilings on 1st Floor, 9-Foot on 2nd Floor; Basements are approxly 9 feet per plan (does not equate to 9 foot from floor to ceiling).

### Front Door, Interior Trim and Hardware

Therma-Tru 4-panel glass front door with Schlage keyless touch entry and Latitude interior satin nickel lever. Interior Trim with raised 5 panel smooth doors and Ultralite 6" base, 4" door casing, and Schlage® Latitude satin nickel door levers.

### Appliances

KitchenAid® stainless steel appliances including 36" 5-Burner Gas Cooktop, Double Upper Wall Oven with Even-Heat™ True Convection, Top Control Dishwasher with ProWash™ Cycle, Whirlpool Microwave, and Zephyr Europa Anzio Chimney Pro Range Hood.

### Kitchen Cabinets and Countertops

Kitchen Craft frameless 42-inch upper cabinets with full depth adjustable shelves and Quartz countertops with 4" backsplash.

### Kitchen Sink

Kohler® Vault™ undermount double-basin stainless steel sink with Delta® Essa Watersense stainless pull-down faucet with lifetime faucet and finish warranty.

## Interior Finishes ~ Cont'd

### Flooring

Entry & Kitchen: Mohawk Engineered 5" Oak Harmon Manor.  
Baths & Laundry: Dal Sandalo 12" x 12" tile flooring.  
Other Locations: Mohawk SmartStrand® Forever Clean carpet with Smart Cushion.\* Mohawk carpet, laminate and engineered hardwood flooring products meet strict U.S. Guidelines and are Healthy Home Certified by credible third-party organizations to be safe and sustainable and meet strict indoor air quality standards.

\* Mohawk donates a portion of every SmartCushion to Susan G. Komen® for ongoing breast cancer research.

### Master Bath

Adult height vanities with quartz counters, 4" backsplash, two Kohler® Verticyl® Undercounter sinks with Delta® Lahara Watersense stainless faucets, shower sized per plan with frameless shower door and 12" x 12" tile surround to ceiling, and Kohler® Highline Elongated, Comfort Height toilet.

### Secondary Baths

30" vanity with quartz counters, 4" backsplash, two Kohler® Verticyl® Undercounter sinks at Bath 2 with Delta® Lahara Watersense stainless faucets, Sterling All-Pro® 5-foot tub with 12" x 12" tile surround at tub and shower, and Kohler® Highline Elongated, Comfort Height toilet.

### Powder Bath

Kohler® Cimarron pedestal sink with with Delta® Essa Watersense stainless faucet and Kohler® Highline Elongated, Comfort Height toilet.

### Laundry Room

Kitchen Craft cabinets with Florestone Utility Sink and Delta® Lahara Watersense stainless faucet.

## Thoughtful Design & Convenience

### Surround Sound Prewire

5.1 Home theater prewire at great room, per plan.

### Security Sensor Prewire

Contacts at all basement windows, main floor windows and doors. Prewired for 1 Motion Sensor, 2 Keypads (garage Access door & master)

### Ceiling Fan Prewire

Ceiling Fan prewire in all bedrooms.

### Uponor® PEX water distribution system

PEX resists corrosion and freeze-breakage, and PEX doesn't transfer heat like copper plumbing, so it conserves energy, and water flows more quietly through PEX plumbing.

### Garage & Level 2 Charging Station Prewire

3-car attached garage via alley access. Includes ½ HP garage door opener and two transmitters. 220-volt outlet and prewire for future Level 2 charging station that can recharge the car as much as four times faster.

### Patio and Landscaping

Front yard landscaping per community guidelines and rear yard landscaping, including sod, mulch and edging. Automatic sprinkler system in front and backyards. Cedar fencing in rear yard with 2 gates.

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Stapleton - Panacea Collection  
7909 Stoll Place  
Denver, CO 80238  
303.665.6100  
[ThriveHomeBuilders.com](http://ThriveHomeBuilders.com)