

Save your energy!

Chesmar Homes with new home **M·P·G** saves you energy and money every month.



Here's what to check for to make sure your new home has the highest **M·P·G** available.

WHAT TO LOOK FOR IN A HIGH PERFORMANCE HOME:	Chesmar	Builder #2	Builder #3
Energy Star rated energy efficient light package/bulbs	✓		
Environments For Living Energy Usage Guarantee	✓		
16 SEER Rating (High Number = More Efficient)	✓		
80% Ultra Efficient Furnace (High % = Less Energy Costs)	✓		
R-38 Attic & R-13 Wall Insulation (High Number = Less heat/cold from outside)	✓		
Foil-backed R-8 A/C Ductwork	✓		
Foam Seal Insulation Around Windows, Doors, Bottom Plate & Other Openings	✓		
Double-pane LoE3 Insulated Vinyl Windows (Inefficient Windows are a Huge Energy Drain)	✓		
TechShield (or equivalent) Radiant Barrier Decking (Hot Attic = Less Efficient HVAC System)	✓		
Dow 1/2" R-3 Insulated Sheathing (Except Windstorm Areas)	✓		
Fresh Air Intake (Better Indoor Air Quality)	✓		
Media Filter (Better Indoor Air Quality)	✓		
Energy Star Rated Multi-Speed Ceiling Fans	✓		
Natural Gas Cooking	✓		
Energy Star Rated Standard Appliances - Built-in Dishwasher / Refrigerator / Washer (Per Plan Collection)	✓		
Low-Flow Water Systems (Less Water Usage)	✓		
12 Third-Party Inspections			
1) Foundation pre-pour			
2) Foundation pour			
3) Foundation Elongation			
4) Structural, Windstorm Code			
5) Mechanical, Electrical, Plumbing Code			
6) EFL Blocking	✓		
7) Duct Blaster			
8) Insulation			
9) Blower Door			
10) Final Mechanical, Electrical, Plumbing			
11) Cosmetic Quality Assurance			
12) Quality Assurance Re-inspection			

*Products and features are subject to change without notice and may differ according to start date. Check with New Home Consultant for specific home details.

High-Performance Terms

When you're looking for the highest **M·P·G** make sure to define your terms here.

ACH: Air Changes per Hour. Air-tight homes need air changes for the best Air Quality. Fresh air intake forces outside air into the home pushing out stale indoor air. (Out with the bad, in with the good.)

AFUE: Annual Fuel Utilization Efficiency. Measures a furnace's heating efficiency. (The higher the rating, the better.) Chesmar includes an 80% Ultra Efficient Furnace.

ARI: American Refrigeration Institute. Energy Star required certification, verifying the HVAC system meets the SEER rating.

ASHRAE: American Society of Heating, Refrigerating and Air-Conditioning Engineers. Sets design standards for HVAC Systems.

BUILDING ENVELOPE: A home's exterior shell - walls, floors, ceiling, windows, doors, roof and foundation.

DELTA-T: Difference from attic temperature to inside temperature. (Ex: Subtract interior temperature from Attic temp to find the Delta-T)

ENVIRONMENTS FOR LIVING: A performance based program developed with the assistance of building science experts. An EFL program home meets the requirements of the US Environmental Protection Agency (EPA), Energy Star® program, and at the Platinum energy level meets the US Department of Energy Building America® specifications. Each Chesmar home is backed by the EFL Limited Guarantees for Heating & Cooling Energy Use and Comfort which ensures a long-lasting return on your investment.*

HERS / HERS INDEX: Home Energy Rating System. The Residential Energy Services Network (RESNET) scoring system is used to measure the energy efficiency of a home. The lower the HERS index, the more energy efficient. Each 1-point decrease in the HERS index equates to a 1% decrease in energy consumption. The average Chesmar home HERS index rating is 63.*

HVAC: Heating, Ventilation and Air-Conditioning

IAQ: Indoor Air Quality

IRC: International Residential Code. The standard construction rules used by builders.

JUMP DUCT/RETURN AIR: Duct connecting a room to a common space or return to balance pressure, cutting down on noise and lines in carpet under doors.

LoE3 Window Low Emissivity: Coated glass that reduces heat gain in the summer making your home more comfortable and affordable to operate.

MERV: Minimum Efficiency Reporting Value. ASHRAE's rating system of air filters.

PRESSURE BALANCING: Equalizing air pressure between rooms by adjusting air flow in supply and return ducts.

RADIANT BARRIER: Coating on the underside of the roof decking that reduces heat gain in the summer.

R-VALUE: Resistance-Value. The resistance a material has to heat flow. (Really high=Really good.)

SEER: Seasonal Energy Efficiency Rating. Measures the efficiency of the air conditioning system. Each new Chesmar home has a 16 SEER Matched HVAC system. (The higher the HVAC system SEER rating the lower your electric bill.)*

SHGC: Solar Heat Gain Co-efficient. Solar radiation entering a home through the windows.

U-VALUE: A measure of heat transmission from inside to outside.



NEW HOME M·P·G [Modern Design Performance Guaranteed Green Certified]

63 AVERAGE HERS SCORE (HOME ENERGY RATING SYSTEM)

35% MORE ENERGY EFFICIENT THAN A CODE BUILT HOME

PLAN NAME: THE MESQUITE
PLAN NUMBER: 1320
Square Feet: 2,746
Bedrooms: 5 **Bathrooms:** 3
PROJECTED HERS SCORE: 59

CHESMAR MPG Monthly Costs
\$64
Estimated heating and cooling costs

CHESMAR MPG Annual Costs
\$768
Estimated annual heating and cooling savings at 35% less than a code built home

Comparison based on the International Residential Code, Energy Star and GreenSource for Living requirements. Calculation based on national averages of \$5.00/kWh (Electricity) and \$0.80/gal (Natural Gas).

CHESMAR HOMES | Setting a Higher Standard

Expand your ideas about the cost of owning a home—check the window sticker of every Chesmar Homes for **M·P·G** savings.

*Check the Window Sticker for your favorite plan to see the average HERS Score, and estimated heating/cooling costs.



STANDARD FEATURES

The Metro Collection

MASTER BATH DETAILS

- Air conditioned, walk-in closets with LED lighting
- **Timberlake Cabinetry®** with 36" high vanity cabinets
- **Broan®** quiet ventilation fan
- **Delta®** chrome faucets and bath accessories
- Elongated commode
- Cultured marble vanity tops with double bowl sinks, per plan
- ~~Garden tub with tile backsplash~~
- Separate shower with tile surround
- Tile flooring.

SECONDARY BATH DETAILS

- **Timberlake Cabinetry®** with 32" high vanity cabinets
- **Broan®** quiet ventilation fan
- **Delta®** chrome faucets and bath accessories
- Elongated commodes
- Acrylic tub with tile shower walls
- Cultured marble vanity top with integrated bowl sink
- Tile flooring

LAUNDRY ROOM DETAILS

- **Broan®** quiet ventilation fan
- Convenient overhead storage shelf with clothing rod
- Interior laundry room with tile flooring

CONSTRUCTION DETAILS

- 10-Year Home Buyer's Warranty
- Detailed home inspection by independent inspector
- High quality laminated composition **GAF** roof shingles with System Plus limited warranty
- Post tension foundation certified on-site by an independent engineer

Important Note:

Features are subject to change without notice and may differ slightly in homes according to start date. Homes under construction may have included upgrades. 1.23.20



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STANDARD FEATURES

The Metro Collection

ENERGY SAVINGS AND COMFORT

- Built to the **Environments For Living® Diamond and Certified Green Standards**
- **Environments For Living® Heating and Cooling Energy Use & Comfort Guarantee (limited)**
- **High Efficiency 16 SEER HVAC system with Trane® condenser and 80% AFUE Trane® furnace**
- Energy efficient light package which meets/exceeds current **Energy Star®** standards
- **R-13** wall insulation (living areas, except windstorm areas)
- **R-38** blown-in attic insulation (living areas)
- **R-22** insulation on sloped ceilings, at top plates per **Energy Star®** specs (living areas)
- Foil-backed **R-8** A/C ductwork
- Poly seal insulation around windows, doors, bottom plate and other openings
- Double-pane **LoE³** colored insulated vinyl windows that tilt-in for easy clean
- Energy efficient **Tech Shield®** or equivalent radiant barrier roof decking
- **Dow/Dupont ½" R-3** insulated sheathing, except windstorm areas
- **Honeywell®** programmable thermostat
- High-efficiency gas water heater
- Natural gas cooking

EXTERIOR DETAILS

- Fiber Cement exterior siding with 25-year manufacturers limited warranty
- Fiber Cement exterior trim materials with 15-year manufacturers limited warranty
- Engineered post tension slab
- Concrete driveways and walks
- Full sod in front and back yard, fenced rear yard
- Landscaped front yard to developer requirement
- Two exterior faucets
- Large covered front porches and rear patios on most plans
- **Wayne-Dalton®** Sonoma insulated garage doors, with garage door opener and two remote controls
- Weatherproof exterior electrical outlets near front and rear doors
- Modern 4-panel 3' X 6'8" mahogany wood front door
- Half-lite rear entry door with integral blind

INTERIOR DETAILS

- 3/8"- 5lb rebond carpet pad with standard carpet
- Carpeting with a five-year wear limited warranty
- 2" faux-wood cordless blinds in all operable windows
- Two-tone decorator interior paint scheme, Moth Gray walls and ceilings with Delicate White trim
- Craftsman style Monroe smooth panel interior passage doors
- **Kwikset®** distinctive door hardware with satin nickel finish
- Raised ceilings and square sheetrock corners, per plan
- Folding stair or door access to attic, per plan
- **Energy Star®** rated multi-speed ceiling fan with light kit in master bedroom, family room and study, per plan
- Blocked and wired for ceiling fans in secondary bedrooms, game room and rear patio, per plan
- Satin nickel designer light fixtures
- White rocker switches for all interior lighting
- Pre-wired for cable television with outlets in family room, game room, study and all bedrooms
- Pre-wired data lines in kitchen, game room, study and all bedrooms
- Interior electrical breaker service panel
- Smoke and carbon monoxide detectors, per code

KITCHEN DETAILS

- 3 CM Granite countertops (choice of two colors standard) with polished square edge
- Kitchen countertop overhangs for informal dining, per plan
- **Timberlake Cabinetry®** with 42" high uppers
- **GE®** black appliance package including:
 - Extra-large **GE®** standard-clean energy efficient gas range
 - **Energy Star®** rated built-in **GE®** dishwasher
 - Built-in **GE®** microwave
- **Delta®** pull down sprayer faucet
- Recessed type LED lighting
- Stainless steel 50/50 under-mount sink with garbage disposal and tile backsplash
- Tile flooring in kitchen and breakfast area



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CHESMAR HOMES
Setting a Higher Standard