

ENVIRONMENTALLY FRIENDLY
LIVE GREEN



www.palmharbor.com

ENERGIMISER[®]

Energy Management System

ENERGY EFFICIENT

Owning a Palm Harbor home

costs less

365 days a year.



ENERGIMISER

Our Green Packages

ENERGIMISER[®]

Energy Management Package

Our **ENERGIMISER**[®] package can lower your utility costs by approximately 30%*.

- **Insulated, Sealed Airtight Ducts** – Tested for expensive leakage using state-of-the-art duct blaster equipment. Sealed ducts prevent insulation and structural damage from condensation.
- **Graduated Air Delivery System** – Provides balanced airflow and comfort from room to room in your new home.
- **High Performance Air Return** – Prevents pressure differences that allow outside airflow into your home. This also ensures even distribution of conditioned air. No “hot spots.”
- **Builder-Installed Seals** – Installed along building sections to significantly slow the inflow of untreated air and water vapor. Caulking all openings such as windows, electrical outlets, doors and plumbing makes your home more comfortable and water resistant.
- **Whole-house Insulation Envelope of a minimum of R-54** – Total combined R-Values of floors, walls and ceilings are calculated for each home, based on location and thermal zone. The right balance of insulation surrounding your home allows heating and cooling equipment to operate in the most energy efficient manner.
- **Optimally-sized for High Efficiency Air Conditioner** – Provides for greater comfort, lower installation and maintenance costs and continued savings every month because your home is equipped with correctly sized systems.

* When compared to homes built to the 1993 standard energy code.



Palm Harbor is the only factory built home builder to be the Gold Award Winner of the Prestigious NAHB “National Housing Award”

Many of our Energy Management features qualify your home for utility rebates or incentives. Check with your local provider for more details.

ENERGMISER[®] Plus Energy Management Package

Our **ENERGMISER[®] Plus** package includes all of the features in the basic **ENERGMISER[®]** package and adds these important options.

- **Dual Pane Low-E Windows** – Reflect up to 70% of the sun's radiant heat and its harmful Ultraviolet rays. They also help retain heat in the home during the winter. This significantly reduces the cost of heating and cooling your home.
- **Radiant Barrier Roof Sheathing** – Reflects up to 97% of the sun's radiant heat, lowering attic temperatures and improving your home's energy efficiency. It increases indoor comfort while reducing energy consumption and costs to cool your home.



Other Available *Green Options*

We can build our homes to meet the construction requirements for certification with ENERGY STAR, LEED, NAHB and most other local and national green-built programs. All final certifications must be provided locally by properly authorized third-party agencies.

Check with your local housing consultant for a complete list of all the green options available in your area such as these:

- **ENERGY STAR Appliances**
- **Tankless Water Heaters**
- **Dual Flush Commodes**
- **Low VOC (Volatile Organic Compounds) Paints**
- **Green Floor Coverings**
- **Low-flow Faucet Aerators and Showerheads**



ENERG MISER®

Good for you. Good for your wallet.
Good for the environment.

Green Home Construction. Naturally. Green building takes place when construction and design practices are able to increase the efficiency with which a home uses resources such as energy, water and materials, while reducing the home's impact on the environment. Palm Harbor's systems-built construction method inherently produces green homes that are constructed more efficiently, built more tightly and produce less waste.



EPA's ENERGY STAR®
Homes Program Award
Winner in 1997, 1998
and 2005



HOUSING
AWARD
2006
*Gold
Winner*

First factory-built home
builder named Gold
Award Winner of the U.S.
Department of Energy's
EnergyValue Housing
Award for best practices
in energy efficient home
construction



EPA's ENERGY STAR® Partner of
the Year Award in 2007

Palm Harbor was the
first builder to build
a home certified to
the Department of
Energy's Builders'
Challenge program.

Good for You. Owning a
Palm Harbor home provides more
peace of mind for daily living. Our
precise construction and sealed
air duct system greatly reduce the
presence of pollen, dust and other
outside allergens. They also restrict
noise pollution from the outside,
creating a quieter, more peaceful
living environment.

Good for your Pocketbook. Owning
a Palm Harbor home means you will
save money on monthly utilities
because of its energy efficiency. Our
precision construction and sealed
ducts create a tight construction
envelope that significantly reduces
the loss of precious heated and
cooled air. This means your heating
and cooling systems work less to
keep you comfortable, which will
save you money month after month.

Good for the Environment. Our
high performance construction
means you consume less natural
resources to heat and cool your
home. Palm Harbor homes also
allow less treated air to escape,
reducing your impact on the
environment.

WARNING!

Owning a home without our **EnerGmiser System** could cost you

\$24,998 MORE

in utility expenses before your home is paid for.



Building our homes to 80% completion in environmentally-protected building centers before delivering them to your home site results in important green benefits. For example, in conventional site built home construction, dumpsters of excess materials are taken to landfills daily. In our building centers, however, we can capture the excess materials from one home and carefully use them in the construction of the next home. Consequently, we can literally measure our waste in dustpans, knowing we are not creating ever-expanding land fills.

Unlike conventional site built construction, our sensitive construction materials are protected from rain, snow and other mold-inducing elements. This results in a healthier home for your family.

Because our homes are constructed in building centers, site work can begin while your home is under construction. This means we reduce the project time to completion. So you can move into your Palm Harbor home much sooner than with a conventional builder who must wait on the completion of the foundation and his subcontractors' schedules before he can even begin to build. By shortening the construction time, we reduce the impact on the environment. The natural run off of valuable top soil, noise pollution and disturbances to the surrounding neighborhood are significantly diminished.

Quite simply, investing in a Palm Harbor home means you own a home you can feel good about - **without spending more for it.**

I am amazed at the utility costs of this home. We have 4 kids and a household of six. In our previous 1,900 sq. ft. home our bills came to over \$300 during the hot Texas summers. Imagine how I feel now that my electric bills for our new 2,500 sq. ft. home are half of what they used to be!

The Jacksons
Texas Homeowners

Our new Palm Harbor home is beautiful. We just love it! But we were worried when we realized the cost of power was rising and we had just purchased a home more than twice the size of what we had before.

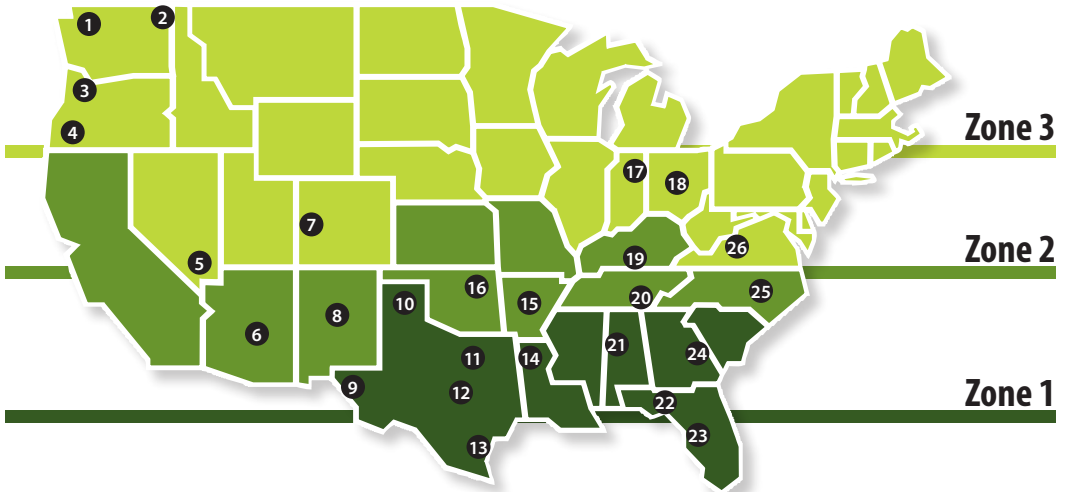
Luckily Puget Sound Energy created a Conservation Incentive Credit. If you reduced your power consumption more than 10% over the same month last year, you received a 5 cent credit for every kilowatt-hour you saved over the 10% goal. Even though it is more than twice as big as our old home, our new Palm Harbor is so energy efficient that we've had three months without a power bill this year and even built up credit! We have not had to pay anything!

Vic and Mandy Johnson
Washington Homeowners

“Unbelievable Savings!”

No matter where you live, genuine ENERGMISER® construction saves you money all year long!

Our Energy Management System is designed to maximize your home's energy efficiency through improved construction techniques and additional thermal scaling. These improvements substantially reduce your heating and cooling costs – effectively lowering the total cost of owning your Palm Harbor home all year long. A better built home simply costs less to own!



CITY	SAVINGS
1 Tacoma, WA	\$10,387
2 Spokane, WA	\$16,538
3 Portland, OR	\$16,256
4 Medford, OR	\$19,081
5 Las Vegas, NV	\$19,126
6 Phoenix, AZ	\$10,375
7 Grand Junction, CO	\$18,500
8 Albuquerque, NM	\$14,818
9 El Paso, TX	\$16,642

CITY	SAVINGS
10 Amarillo, TX	\$24,998
11 Dallas, TX	\$20,018
12 Austin, TX	\$17,738
13 Corpus Christi, TX	\$15,494
14 Shreveport, LA	\$16,486
15 Little Rock, AR	\$16,253
16 Tulsa, OK	\$17,086
17 Ft. Wayne, IN	\$18,690
18 Columbus, OH	\$20,265

CITY	SAVINGS
19 Bowling Green, KY	\$13,042
20 Chattanooga, TN	\$13,378
21 Birmingham, AL	\$15,311
22 Tallahassee, FL	\$10,353
23 Tampa, FL	\$7,900
24 Augusta, GA	\$17,154
25 Raleigh, NC	\$17,162
26 Lynchburg, VA	\$17,439

See how much green ENERGMISER® can save you!

* Depending on your location, it is estimated that over the lifetime of your mortgage (30 years), you can save between 26% and 43% on heating and cooling costs. This is not a guarantee because many factors determine utility expense including lifestyle and property use. Calculations are based on our most popular 1,500 sq. ft. multi-sectional home. Savings estimates are based on established local 12-month electrical heating and cooling utility costs for specific geographic areas. Utility cost may vary significantly for your area. Programmable thermostat settings are 78 degrees cooling, 70 degrees heating. Comparison is made between identical homes with minimum HUD insulation values for each zone and the addition of the Palm Harbor Energy Management System. Testing, research and calculations conducted by the Florida Solar Energy Center, University of Central Florida, Cocoa, FL in partnership with the U.S. Department of Energy's "Building America Program."

