# Key Messages:

* When the weather heats up, make the cool choice of a new ENERGY STAR certified room air conditioner. ENERGY STAR room air conditioners use 10 percent less energy and, on average, cost about $70 per year to run.
* Take advantage of improved insulation! New ENERGY STAR room air conditioners come with higher quality insulation materials, improving comfort and savings by allowing a better seal of the area between the unit and the window opening.
* Remember, bigger is not always better! Make sure your room air conditioner is the right size for your space. An oversized unit is less effective and wastes energy.
* ENERGY STAR room air conditioners with connected functionality offer you greater control over your comfort and your energy savings.
* If all room air conditioners sold in the United States were ENERGY STAR certified, the cost savings would grow to more than $350 million each year, preventing more than 6 billion pounds of greenhouse gas emissions annually – equivalent to the emissions from over 570,000 vehicles.
* ENERGY STAR is the simple choice: save energy, save money and help protect the climate.
* Visit energystar.gov/roomac to learn more.

**Insulation:**

* New ENERGY STAR room air conditioners come with better materials and clearer instructions to improve sealing and insulation around the unit so costly and uncomfortable air leaks are minimized.
* Your new ENERGY STAR room air conditioner comes with tight-fitting side panels, an innovative new design, to provide increased insulation effectiveness.
* In addition to the high quality materials included with your new ENERGY STAR room air conditioner, you will also find clear instructions in the user guide that will help you get a tightly sealed installation, offering you the best energy savings and comfort.
* Some ENERGY STAR certified room air conditioners use a new EPA-approved refrigerant called R32, which has a much lower impact on the climate – two-thirds lower than the refrigerants used in other room air conditioners.

# Proper Sizing/Installation:

* Proper sizing of your room air conditioner is key to saving.  An oversized air conditioner is actually less effective — and wastes energy at the same time. Air conditioners remove both heat and humidity from the air. If the unit is too large, it will cool the room quickly, but only remove some of the humidity. This leaves the room with a damp, clammy feeling. A properly sized unit will remove humidity effectively as it cools.
* An improperly installed room air conditioner leaks as much air as a 6 square inch hole, increasing energy costs and making your home less comfortable. Closely following installation instructions can ensure effectiveness and energy savings.

# In Cooler Months:

* If possible, remove the room air conditioner at the end of the cooling season to minimize heat loss during the winter.
* A through-the-wall room air conditioner cannot easily be removed, so consider installing an appropriately sized cover over it during winter months to provide additional insulation and air sealing.

# Connected:

* ENERGY STAR room air conditioners with connected functionality offer consumers additional convenience, comfort and energy-savings, including the ability to turn off the unit remotely using your phone or computer, schedule changes to temperature settings based on your needs, and receive feedback on the energy use of the product.
* These products are also ‘smart-grid ready’, potentially allowing you to take advantage of special energy bill savings programs some local utilities are starting to offer.