



## ***Advanced RTU Campaign provides tools to help you reduce energy costs***

You've noticed an increase in your energy use. You're finding that service calls to repair your aging HVAC equipment have become much more frequent. And your employees and customers have been complaining lately about the temperature in your building.

Yes, you know that your aging rooftop units are costing you money. And if your own personal observations aren't compelling enough, data shows that older, inefficient commercial rooftop unit (RTU) air conditioning systems can waste from \$1,000 to \$3,700 per unit annually, depending on the building size and type, and energy costs. By replacing or retrofitting your rooftops, you can save money, improve your energy efficiency, make your building more comfortable, and help the environment.



So, you've decided that it's time to take action, but where do you start? Should you replace or retrofit your RTU? What RTU is right for your building? What utility incentives are available? What do others do? The Advanced RTU Campaign (ARC) and Trane can help.

### **What is the ARC?**

The ARC is a technology campaign formed in partnership by the Department of Energy, Retail Industry Leaders Association (RILA) and ASHRAE. The goals of the ARC are to create awareness of energy issues through effective communication, and to help building owners and property managers reduce energy consumption and save money by upgrading their RTUs with high-efficiency options. ARC encourages commercial building owners and operators to replace their old RTUs with more efficient units or to retrofit their RTUs with advanced controls in order to take advantage of energy savings benefits.

---

---

## **Rooftop Unit Comparison Calculator assists decision-making**

The Rooftop Unit [Comparison Calculator](#) (RTUCC) is an example of one of the many tools ARC provides to building owners and property managers. RTUCC assists decision-making regarding the purchase or replacement of packaged rooftop air conditioning equipment by estimating a product's lifetime energy cost savings at various efficiency levels. This web application provides an alternative to complicated building simulation models while offering more detail than simplified estimating tools that are commonly available. While simplified tools are typically based on full-load efficiencies and full-load equivalent operating hours, the RTUCC accounts for local climate and partial-load as well as full-load efficiencies. The results obtained with the Comparison Calculator can be useful to facility managers, financial officers, energy management professionals, air conditioning contractors, and other decision makers interested in maximizing both energy-efficiency and cost-effectiveness of cooling system investments.

## **ARC technical and financial information answers your needs**

ARC offers a myriad of technical and financial information to help you:

### **Evaluate your needs:**

- [Retrofit or Replace?](#)
- [Decision Tree](#)

### **Find a product**

- [RTU Right Sizing Guidance](#)
- [RTU Comparison Calculator](#)

### **Learn from others**

- [Guidance](#)
- [adidas Case Study](#)

### **Keep informed**

- [Webinars](#)
- [RTU Specifications: Procurement, Installation, Maintenance, and More](#)

### **Analyze results**

- [RTU M&V Guidance](#)

### **Finance your upgrade**

- [Calculators and savings tools](#)
- [Rebates, Incentives & Financing Assistance](#)

To take full advantage of all ARC offers, building owners/managers are encouraged to [join the Campaign](#) as a Participant.

## **Trane supports ARC and its customers**

Seeing ARC as a valuable resource for its customers, Trane joined ARC last year as a Supporter to encourage market transformation and increased implementation of RTU replacements and retrofits. As a program Supporter, Trane is here to help you effectively use the ARC by answering any questions you might have regarding the information ARC provides, offering assistance in analyzing your fleet, and helping you make good choices when it comes to your RTU retrofit or replacement. Contact us today.

---