

**Advanced Rooftop-unit Controls (ARCs) are energy-saving retrofit solutions for constant volume, single-zone packaged rooftop units (RTU). These controls work with various RTU manufacturers and have the ability to control and monitor RTUs via the Internet.**

### The differences between...

#### Standard Rooftop-unit Controls

- ▶ Limited controls - On/Off
- ▶ Limited operation of economizer (if working)
- ▶ No fault detection

#### Advanced Rooftop-unit Controls

- ▶ Integrated air-side economizers for maximizing the use of outside air (free cooling) and minimizing the use of mechanical cooling.
- ▶ Variable fan speeds for different modes of operation such as ventilation, first or second stage heating or cooling. Reduces excessive air introduced to the building that requires to be conditioned.
- ▶ Demand-controlled ventilation using CO<sub>2</sub> sensors for better monitoring of indoor air quality.
- ▶ Excellent energy savings – up to 50% of electric usage per rooftop unit.
- ▶ **Eligible for utility rebates – up to 70% of project cost.**



#### ARC Rebates

- ▶ **ARC-Lite:** \$150 per ton rebate
- ▶ **ARC-Full:** \$225 per ton rebate from the PUD & \$50 per ton rebate for gas savings from PSE
- ▶ **Uniform & Simple Rebate Form** for all utilities
- ▶ Rebates **up to 70% of project cost**
- ▶ **Simple process**

Rebates apply to the installation of qualifying ARCs on existing single-zone packaged RTUs with constant speed supply fans, fan motor of 1 horsepower or greater, nominal cooling capacity of five tons or greater and less than 20 years old. Projects not meeting rebate requirements may be eligible for a PUD custom incentive.

**For more details about the rebates and qualifications, visit [snopud.com/bizrebates](http://snopud.com/bizrebates).**