Advanced Technology: Notched V-Belt

Notched v-belts drive the pulleys in indoor blower and return fans with less resistance than smooth belts. As a result, the HVAC unit doesn’t have to work as hard to condition air, which saves energy.

Notched V-Belts Run Smoother Than Smooth

Rooftop HVAC units commonly rely on smooth belts to drive fan pulleys. When these belts wear out, or you are ready for an upgrade, notched v-belts offer a superior alternative. The notches in the surface of the belt reduce its surface area, allowing it to bend more easily and spin the pulley with less resistance.
According to the U.S. Department of Energy, notched v-belts “run cooler, last longer and have efficiency about 2% higher than standard (smooth) v-belts.”

How It Works

Notched v-belts are optional upgrades to Quality Maintenance and Quality Renovation. SCE offers per-unit incentives to customers and contractors who participate in Quality Maintenance and choose to take advantage of this advanced technology.

The Result

The increase in efficiency lowers energy costs. In fact, the energy costs savings created by notched v-belts can cover the cost in a matter of months.