



*Cool Ways to Boost Operational Efficiency of your CRAC Units*



## Looks can be deceiving...

While outwardly simple, belt drives on CRAC units are not as simple as they appear. Some problems include:

- Tendency to slip and to produce contaminating black rubber dust
- Short center distances with high belt flex rate leads to premature belt failure
- Drives are hard to access for maintenance
- Very time-consuming to re-tension rubber belts correctly
- Frequently operating above normal design temperatures for V-belts

### The Solution?

Install these upgrades and your CRAC units will be in **cyber heaven**.



Zero Downtime V-Belts

### The “No Time, No Tools, No Troubles” Solution

- **Increased air flow!**

Reduced belt slip increases air-flow and allows your CRAC units to run at optimum designed efficiency levels from the outset.

- **Lasts longer than rubber V-belts!**

Made from a composite polyester/polyurethane material that delivers industry standard horsepower ratings. Plus, their unique construction is extremely resistant to flex fatigue.

- **Elevated temperatures? No problem!**

No loss in performance at extreme temperatures — from -40°C to 116°C (-40°F to 240°F).

- **Fast, easy installation!**

Make **ANY** length by hand in seconds on-site then simply roll it on like a bicycle chain. No need to move motors around!

- **Easy to re-tension!**

Simply roll it off the drive, remove a link, and roll it back on.

- **Reduced dusting!**

No more black rubber V-belt dust, whose carbon black can short out electrical connections and is extremely difficult to remove...plus filters last longer!





## **T-Max**® V-Belt Drive Tensioners

### **The “Fit and Forget” Solution**

- **Increase drive efficiency!**

Rotary spring loaded design maintains optimum drive belt tension automatically, eliminating slip and torque losses associated with loose fitting V-belts.

- **New belt installation is easy!**

Allows V-belt to be installed without tools and without moving drive components – simply depress tensioner arm and install new rubber belt.

- **Reduced dusting!**

Drives running at designed parameters means less dust caused by belt slip.

- **Increased air flow!**

Reduced belt slip increases air-flow and allows your CRAC units to run at optimum designed efficiency levels from the outset.

- **Reduce maintenance costs!**

Cut down component replacement costs due to premature belt failure. Also eliminate system downtime caused by periodic belt re-tensioning.

- **Your One-Stop Shop!**

Let us add a PowerMax Idler Pulley and Mounting Bracket for a complete “off-the-shelf” solution!



## Peak Unit Performance...

Install these upgrades from Fenner Drives today and you'll immediately start seeing:

- Improved CRAC unit operating efficiency
- Improved air flow and therefore improved temperature control
- Increased CRAC unit reliability and up-time
- Reduced maintenance costs associated with service time
- Longer belt life

### **For the Ultimate Upgrade**

Install PowerTwist Plus V-Belts or SuperTLink SP Wedge Belts **AND** a T-Max Tensioner and you get all of the benefits of both worlds!



# Count on Fenner Drives.

We've got the right product for your application.



**PowerTwist Plus**  
V-BELTS

**SUPER T LINK**  
SP WEDGE BELTS

**NUT LINK**  
V-BELTS

**Trantorque**  
Keyless Bushings

**B-LOC**  
KEYLESS BUSHINGS

**EAGLE**  
POLYURETHANE BELTING & O-RINGS

**T-MAX**  
BELT & CHAIN TENSIONERS

**PowerMax**  
PULLEYS & IDLERS

**Trackstar**  
UHMW BELT & CHAIN GUIDES

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