



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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