

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!





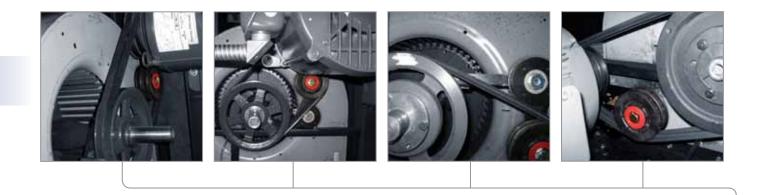












# **THEX** V-Belt Drive Tensioners

#### 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!

# RT3000





## 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 <u>AND</u> 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.



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