



Problem

- Excess labor tied up with installation and maintenance of current belts.
- Black dust accumulation inside and outside of CRAC units. After extended wear and dust buildup the fan squeal and vibrate, reducing motor efficiency.
- V-belts and air filters require regular maintenance to stay running.

Solution

- Belt installation is easier and faster, even on captured drives. No tools required and no need to move any drive components.
- POWERTWIST produces virtually no dust. The air filters stay cleaner longer. Cooling output is increased, maximizing motor efficiency. The POWERTWIST link design greatly reduces the overall noise and vibration of the CRAC units.
- POWERTWIST lasts longer in harsh conditions and operates at extreme temperatures with no loss in performance, greatly reducing the need for regular maintenance.

Calculated Cost Savings

Added Value of POWERTWIST	Urethane Belts	POWERTWIST	Difference
Operation Cost Savings			
Cost of belt used per year	\$114	\$30	\$84
Cost of freight/shipping costs for belt ordered	\$3	-	\$3
Labor Costs Savings			
Time needed to change belts	\$100	\$5	\$95
Labor cost to re-tension belts	\$100	\$3	\$97
Time needed for purchasing/warehousing/stocking of belts	\$75	\$25	\$50
Emergency purchase trips to re-stock/resupply belts	\$13	-	\$13
Energy Cost Savings			
No stretch means maintained unit efficiency	\$703	\$667	\$36
Cost Savings per unit per year			\$378
Total savings for 30 units with POWERTWIST			\$11,340

Annual Cost Savings

\$ 11,340

- **89% reduced labor costs**
- **54% reduced operating costs**
- **5% energy savings**
- **Eliminates emergency purchase trips**

