

# AUTOMATIC BELT TENSIONER

PROPER BELT TENSION



LONGER BELT LIFE

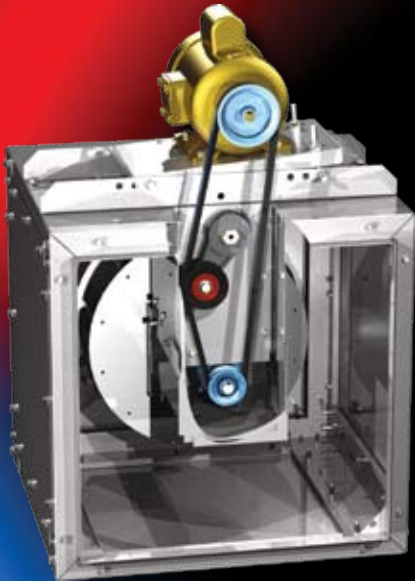
## What will this optional feature do for you?

Cook's automatic belt tensioner eliminates the need for regular manual retensioning of fan belts. The risk of inadvertently over-tensioning drive components is avoided and overall drive operating efficiency is enhanced.

LOWER FAN ENERGY COST



LONGER BEARING LIFE



SMOOTHER RUNNING FANS

## Recommended Specification:

All fans shall be furnished with a factory installed automatic belt tensioner to maintain proper belt tension.

TOOL FREE BELT REPLACEMENT



LOWER MAINTENANCE COSTS



**P**ROPER BELT TENSION =

**Longer Belt Life**

Engineering studies indicate properly tensioned belts can operate at 15° to 20° F cooler internal temperature than poorly tensioned belts. A drive belt industry rule of thumb is that every 18° F increase in internal temperature will reduce belt life by 50%. The automatic belt tensioner will easily double belt life compared to installations where belt tension is not properly maintained.

**Lower Fan Energy Cost**

Belt drive losses go up significantly as belt tension deteriorates. Proper belt tension minimizes drive loss, which equates to better fan efficiency.

**Longer Bearing Life & Smoother Running Fans**

Too much belt tension can reduce the life of both the fan and motor bearings. The Cook automatic belt tensioner will assure proper belt tension throughout the life of the fan; maximizing bearing life and fan reliability.



**T**OOL FREE BELT REPLACEMENT =

**Lower Maintenance Cost**

Cook's spun aluminum fans have stainless steel quick release latches on the topcap, providing tool free access to the automatic belt tensioner and motor compartment. The drive belt can be replaced in moments (by almost anyone) without the special skills and tools normally needed to achieve proper belt tension.



**Available on these Cook Products:**

- |          |       |      |          |
|----------|-------|------|----------|
| ACEB     | CPA   | HEE  | SRSB     |
| ACRUB    | CPA-A | HES  | SQN-B    |
| ACRUB-HP | CPV   | HXEL | SQN-HP   |
| ACRUB-XP | CPS   | HXEM | TCNB     |
| ACWB     | CPS-A | HXSL | TCNHB-LE |
| ACWB-HP  | EPB   | HXSM | VCR      |
| ACWB-XP  | ETE   | HXFL | VCR-HP   |
| ACSC     | ETS   | HXFM | VCR-XP   |
| ACSC-HP  | EWB   | LXUL | XLWH     |
| ACSC-XP  |       | LXUM | XMWH     |
| APB      |       | LEU  | XLPH     |
| AQB      |       | LTU  | XMPH     |
| AWB      |       |      |          |



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