

Energy Responsibility in 4 Steps For the HVAC industry

Browning®



REGAL



This technician just helped to save his customer \$1,422 per year in one afternoon

Sustain the Green

Energy Responsibility In Four Easy Steps

- 1 Upgrade from wrapped to notched belts and improve efficiency
- 2 Worn sheaves allow belt slip. Inspect sheaves for wear. Wear greater than 1/32" can decrease efficiency 5% or more
- 3 Properly tension belts
- 4 Install Tenso-Set™ self-adjusting motor base

Toolbox Technician® Mobile App

- Energy Efficiency Calculator
- GPS-activated "Where To Buy"
- Conversion tools
- And many other great features



Belt Efficiency Calculator

Country
State / Province
Horsepower
Rate (per kWh)
Days Per Week
Hours Used in a Day

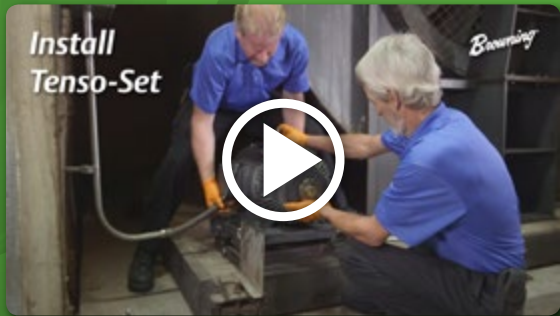
United States of America
Please Select
10
1
1
1
1
1

CALCULATE



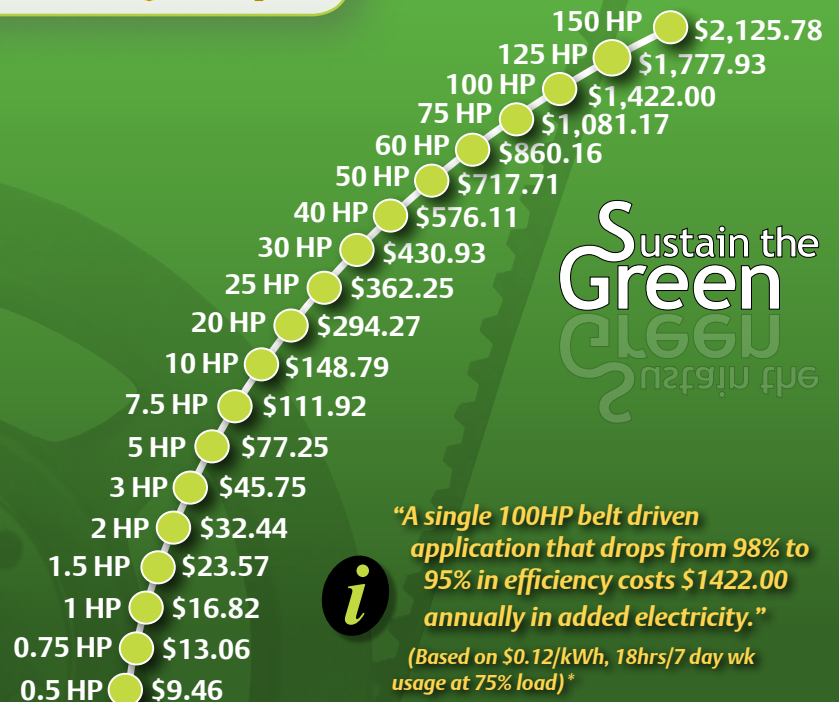
New Belt Drive Efficiency Calculator
at RegalPTS.com under
Engineering tools

Energy Responsibility In Four Easy Steps



V-Belt Drive Efficiency in 4 Easy Steps

View the instructional video on [YouTube.com/user/ThePowerTransmission](https://www.youtube.com/user/ThePowerTransmission)

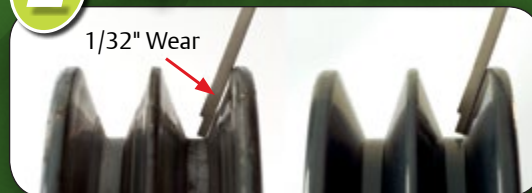


1 Upgrade from wrapped to notched belts and improve efficiency



Wrapped v-belts can run up to 95% efficient, whereas notched v-belts can run up to 98% efficient!

2 Replace Worn Sheaves



- Groove wear greater than 1/32" indicates replacement is needed
- Belt should never ride in bottom of groove
- Inspect for breaks on flange

3 Properly Tension Belts

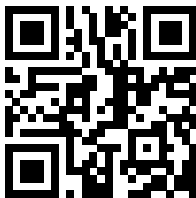


Example of glazed belt due to under tensioning and worn sheaves.

4 Install self-adjusting motorbase



Tenso-set Series 600 horizontal sliding motor base (with optional quick release) enhances technician convenience and belt drive efficiency by automatically maintaining belt tension for extended periods and allowing quick belt changes.



Snap the QR code to see
HVAC Services video, or visit
[Youtube.com/ThePowerTransmission](https://www.youtube.com/ThePowerTransmission)

Browning®

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APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and its affiliates with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk. For a copy of our Standard Terms and Conditions of Sale, Disclaimers of Warranty, Limitation of Liability and Remedy, please contact Customer Service at 1-800-626-2120. These terms and conditions of sale, disclaimers and limitations of liability apply to any person who may buy, acquire or use a Regal Beloit America Inc. product referred to herein, including any person who buys from a licensed distributor of these branded products.

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