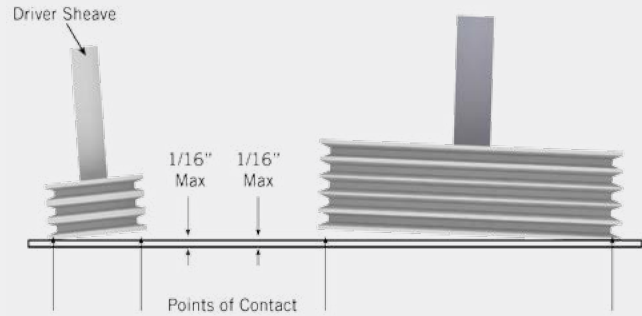
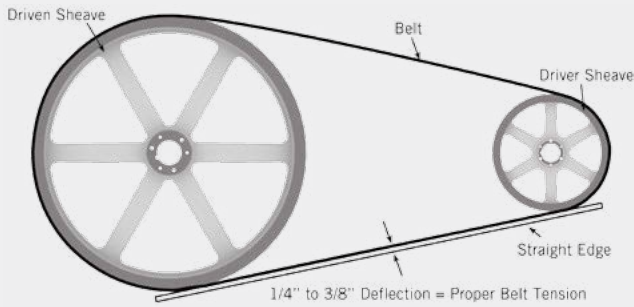
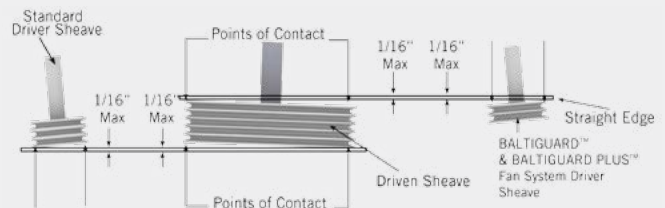
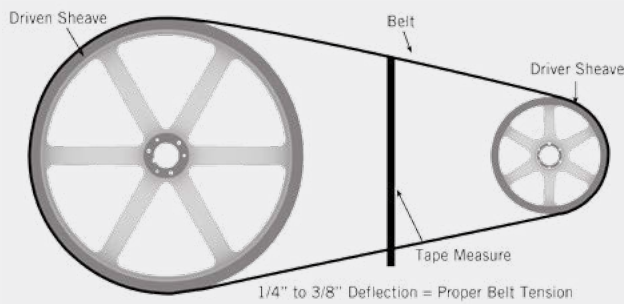


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Standard Drives



BALTIguard™/BALTIguard PLUS™ Fan System

Belt Tensioning

After initial tower start-up or the installation of a new belt, the belt tension must be readjusted after the first 24 hours of operation. The condition of the belt and belt tension should then be checked and adjusted quarterly.

To check the belt tension, place a straight edge along the belt from sheave to sheave or, alternatively, use a tape measure as shown.

Apply a moderate force by hand (approximately 40 lbs) evenly across the width of the belt in the center of the span between the two sheaves. If the belt deflects between 1/4" and 3/8" as shown, the belt is adequately tensioned.

Sheave Alignment

As with proper belt tensioning, good sheave alignment will result in both maximum performance and maximum belt life. Therefore sheave alignment should be checked annually.

To check alignment, place a straight edge across the driver and driven sheaves as shown in the figure for standard drive systems or the Energy-Miser®/BALTIguard™ Fan System.

When the drives are properly aligned, the straight edge will contact all points as indicated. There should be no more than 1/16" deviation from four-point contact.

If realignment is necessary, loosen the motor sheave and align it with the fan sheave and be sure to allow approximately 1/4" for draw-up as the bushing screws are retightened.