



GatesFacts™ Technical Information Library
Gates Compass™ Power Transmission CD-ROM version 1.2

The Gates Rubber Company
Denver, Colorado USA



Synchronous Belt Changeovers For Air Handling Units

When replacing existing V-belt drives on air handling units, it is important to consider the resulting belt pull from the new synchronous drive. Since many air handling units incorporate light weight construction, problems can arise due to system flexibility, i.e., support brackets, etc. can bend. It is best to use diameters approximately the same size as the previous V-belt drive, or at least compare the new drive belt pull to the previous V-belt drive belt pull.