



EZEnergy

INSTALLATION/SOFTWARE/USAGE

Q: Question

What is Multimode Angle or VEL ANG, and what value should I set for it?

A: Answer

Multimode Angle or VEL ANG are the same setting. This is the angle where speed is measured from with respect to the end position of the measurement. The measurement point of a not closed door will be further out than a fully closed door because the final positions are not the same.

The goal of this angle is to be at an angle just before the seals slow down the door. This allows the measurement to be the highest it can be, just before the final closing event.

To choose a good angle we can use EZEnergy device and Audit software together. Connect the device to Audit and take a couple door measurements from the same open position. Fully open gives the most information though any other position is fine as we are concerned with the last few degrees of the closing event.

Take at least one fully closed measurement and download the curve. More closed and not closed on other doors may help generate a study if necessary.

Observe the curve of the measurement and change the x-axis to Angle instead of Time. Look at the last few degrees of the closing event where the velocity starts to slow down. Pick a point just before the graph dips and look at the corresponding angle vs the final closed angle. The difference between these should be set as Multimode Angle/VEL ANG.

Please refer to the image on the next page for a graphical reference.

