



## Dimensions in a Defined Model View Keep Changing

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The information in this tip applies to:

- ExpertCAD (all versions)
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### **ISSUE**

Each time a file is edited into ExpertCAD, the dimensions change within a defined model view.

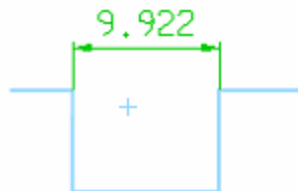
### **RESOLUTION**

This issue can occur as a result of multiple model views that are stacked one on top of another. When a file has multiple model views that are on top of one another, the dimensions appear to change when the file is edited in because any one of the model views, each with possible different scale factors, can be displayed upon editing of the file. To get around this issue, you should remove all the model views, except for one, and set the remaining model view's scale factor to what you want it to be. The following is an example that shows you how to do this.

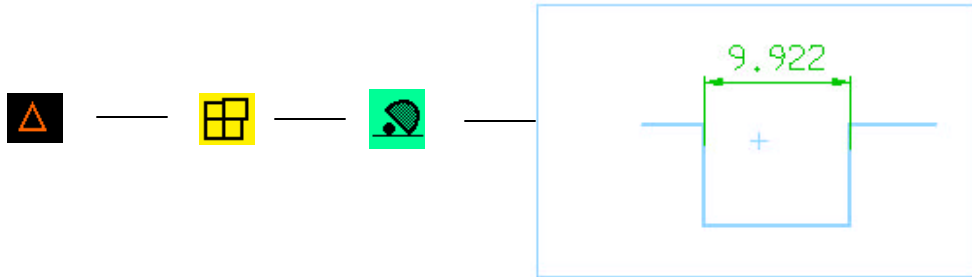
Let's say you have a drawing that has two model views, one with a scale factor of 1, and the other with a scale factor of 2. When you edit the file in, it appears as below in the diagram. The value of the horizontal dimension is 14.883, and the scale factor is 1. See the diagram below.



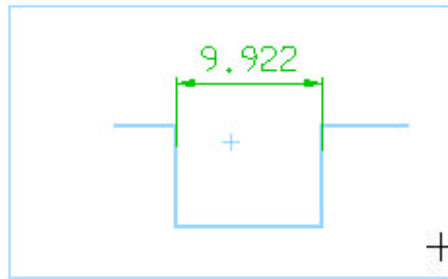
Now, the next time you edit the file back in, the value of the horizontal dimension comes in as 9.922, and the scale factor is 2. See the diagram below.



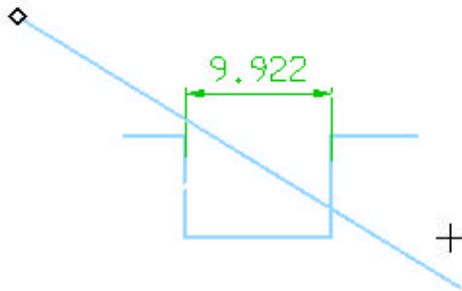
As you can see, this result is not consistent, and you would like for the view to always be set to one specific scale factor, in this case let's assume it should be 2. You can do this by removing all model views except for one, and then set the one remaining model view's scale factor to 2. To remove model views, do the following. First set the *current class* to be *all views* then unhide the current class.



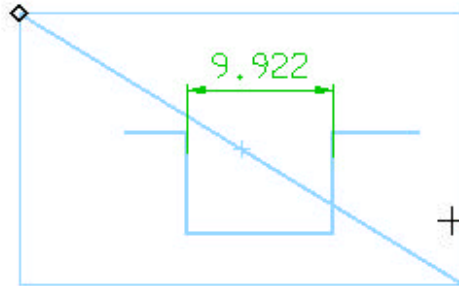
Move the cursor to the edge of the model view. See the below diagram.



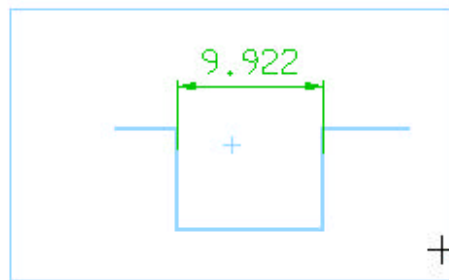
Now hit the command to find the line or text nearest the cursor and make it current (this is **F** by default). When you hit the **F** key, your diagram should appear as below.



Hit the **Tab** key to refresh the screen. When you do this, if another outline appears for a model view, that means you had overlapping model views. See the diagram below.



Now that you know you had model views that were overlapping, you can remove the overlapping model view. Hit the **D** key to delete the current line.



Repeat the above steps to remove the rest of the model views except for the last one. When no more views are displayed, hit the **U** key (undo the last command) and you should now have only one model view. Depending on how views were defined you may have to change the model scale of the last view.

