



# Tech Tip

## October 2024



### The Refrigerant Piping Program- How to access and why it is important

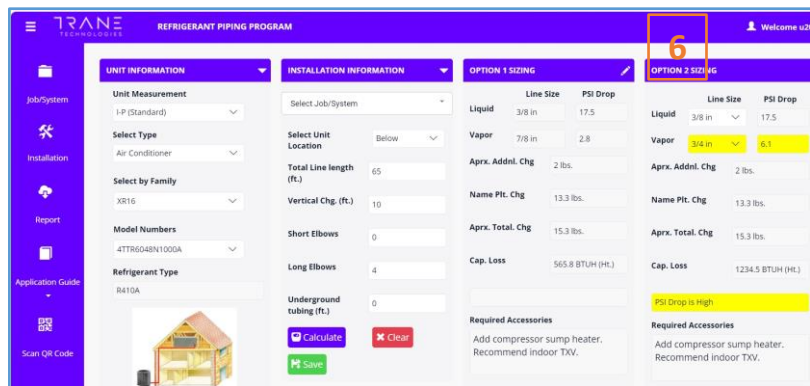
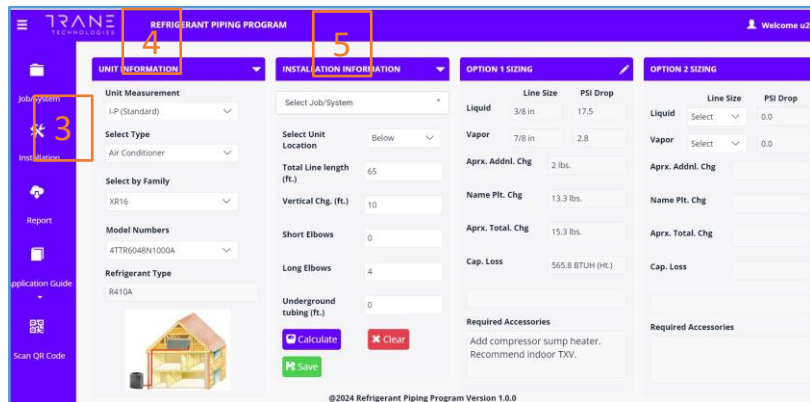
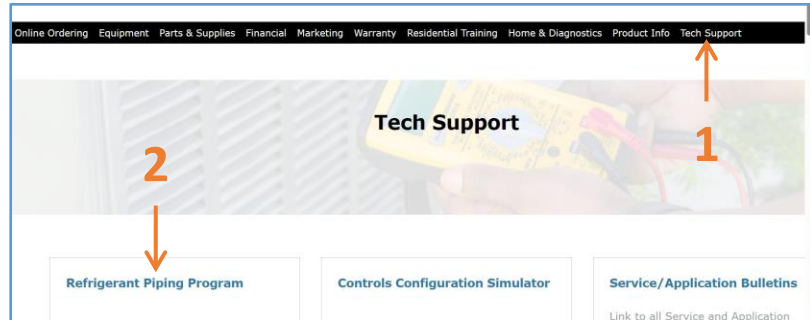
In our role we are often asked about proper line set lengths and sizing. Trane has made this info available on Comfortsite. All techs should have a username and password to access Comfortsite which is provided by your company's site manager.

Using the online program is very intuitive. Bring up [www.comfortsite.com](http://www.comfortsite.com) and click on the "Tech Support" (1) option in the header on the home page. On the Tech Support page click on the Piping Program (2).

Click on Installation (3) in the left column, complete the Unit Info (4) and Install Info data (5) and hit Calculate. This will bring up the rated line size and much more info.

If you are investigating alternate sizes, enter it under Option 2 (6). **The program will not allow entry of unapproved sizes or lengths and will not calculate them.**

Take heed of required accessories given and any cautions highlighted in yellow. Ignoring this will shorten equipment life and may void its' warranty as misapplied equipment.



Now, why is this all important? **A2L!** As required by law, Trane is modifying equipment to use the low GWP refrigerant R454B. The thermodynamic properties of this new refrigerant are different than R410A and necessitate line size and likely maximum length changes.

Currently, R454B equipment info is not listed in the piping program as testing is ongoing. The program design team is prepared to enter those units when that is complete.

For now, you are to follow the line size charts in the Installation Manual provided with the R454B equipment.

It is intended that once available, the Piping Program will be the go-to location to confirm your installation is using approved line sizes and lengths.

**BONUS TIP!** Watch the "FTT: Refrigerant Piping Program" found in LMS for many more details.

Let's not wait to the last minute, why not enter your next installation in the program and see what you've been missing! Then keep checking the program for the R454B updates.

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