

ANSYS Workbench Class3**Error Report****ERROR NO:**

WB2012-07

Keywords:

DX TEMPERATURE DIFFERENCE PARAMETER TABLE CHARTING

Description of Error:

When using a parameter with unit Temperature Difference and performing a unit conversion (for instance, by switching unit system), the wrong conversion is applied in some parts of the Workbench UI. This results in an incorrect value for the parameter. In many cases, it is clear that the converted number is wrong. However, there is no general way in which a user who is opening the project can identify the values that are incorrect.

Typical GUI Path(s):

<u>For DX case</u>

:

Create a parameter with Quantity to Temperature Difference

Set units to Metric (with C) and display values in project units

Refresh Design Of Experiments in DX

Copy all Design Points from the Parameter Set

<u>For charting case</u>

:

Create a parameter with Quantity to Temperature Difference

Set units to Metric (with C) and display values in project units

Create a chart

Other Comments:

The error is obvious in many cases because the values of parameters that are defined with quantity "Temperature Difference" do not match the values of the parameters defined with quantity "Temperature". However, users should carefully review the values of parameters defined as "Temperature Difference," especially when creating charts or using DX.

First Incorrect Version:

Release 12.0

Corrected In:

Release 14.5

Suggested User Action For Running on Uncorrected Version:

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