

Airflow Developments Ltd Family Manager Tool for Revit

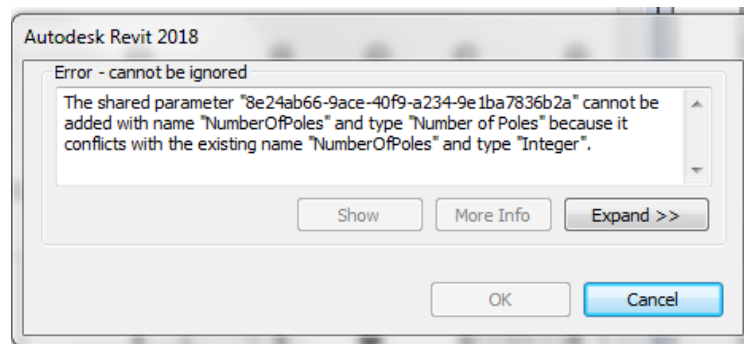
Technical Note

NBS Revit Add-In Compatibility Issue:

Please note: The “Number of Poles” Revit parameter actually refers to Number of electrical Phases. This is due to there being a separate project phases parameter within Revit by default.

The NBS have set-up their Number of Poles parameter as an integer rather than as a value in their add-in. Because it has been set-up as an integer, it **can't be linked** to the Revit Number of Poles parameter on an Electrical Connection. This means that 1 phase and 3 phase motors could be incorrectly added to a system without the designer noticing; risking damage and increased costs.

Because of how NBS have set their parameter, if you have the NBS plug-in added, an error code appears (below) when adding our BIM files to your Revit installation.



Airflow's “Number of Poles” parameter is compatible with the Revit Number of Poles parameter and **can be linked** to the Electrical Connection. This means that when a 1 phase or a 3 phase motor has been incorrectly added to system, the user will be immediately notified.

Because the NBS plug-in is added at project level, it is associated to all items. The easiest way to add the content is to delete the Number of Poles parameter from the family you are trying to insert.

To do so, please do the following:

- Open the family
- Select Edit Family and Types
- Find Number of Poles Parameter
- Delete the parameter

Please note: this is only a work around may leave the families with conflicting 1/3 Phase indicators for Revit circuits.

The NBS are updating their BIM files to correct this issue, however, at the time of writing, there is no timeline for completion.