BIM COMPONENTS USER GUIDE
pfu gama basic-REVIT 2020

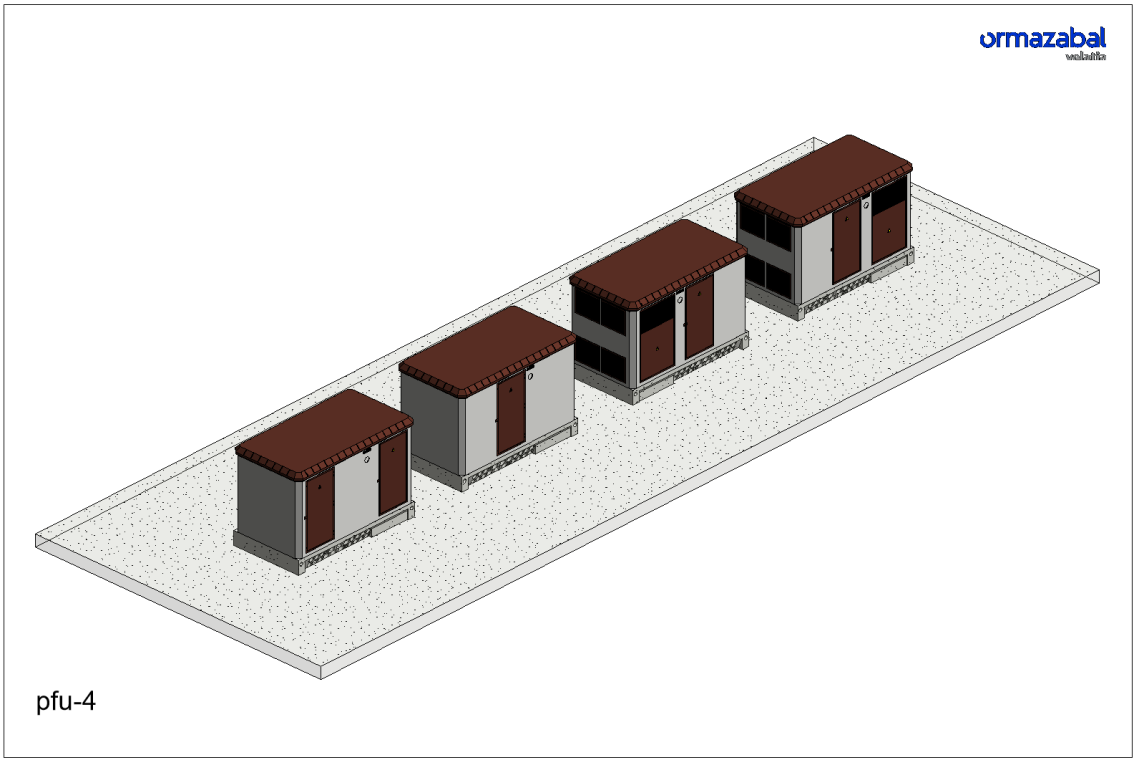
ORMAZABAL pfu gama basic

Subheading

Author / Department / Date

Introduction

Thank you for downloading the ORMAZABAL transformer centers component. This user guide has been included to provide guidance on how to correctly use and make the most of the content. This document covers the pfu-4 models that are available from ORMAZABAL.



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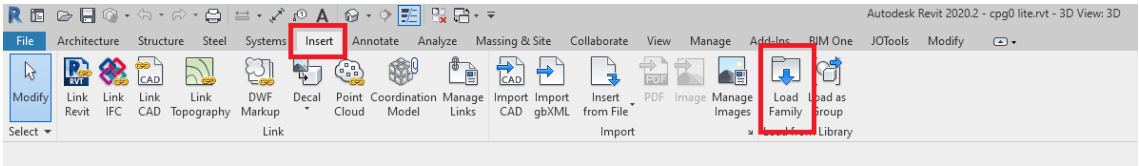
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1. Placing the transformer centers into the project

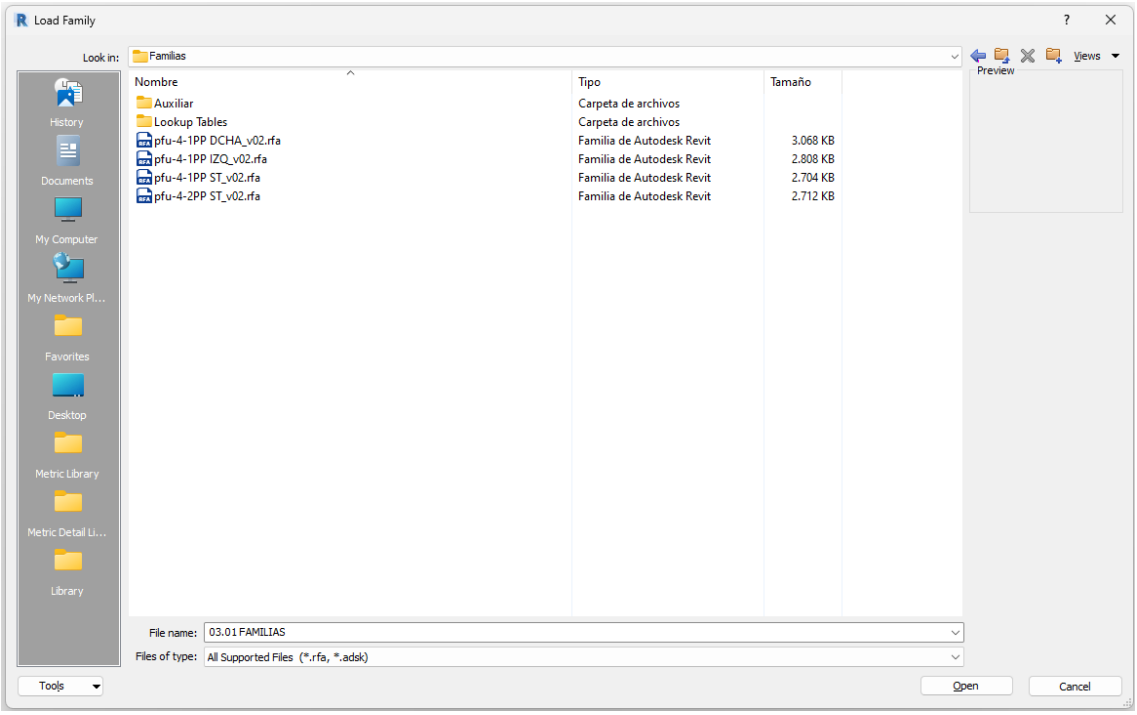
Please follow the below method to load the component into your Project.

1. Open the Revit file containing your "Project", and navigate to a floor plan view.
2. Navigate to the "Insert" tab on the main Revit ribbon and select "Load Family"

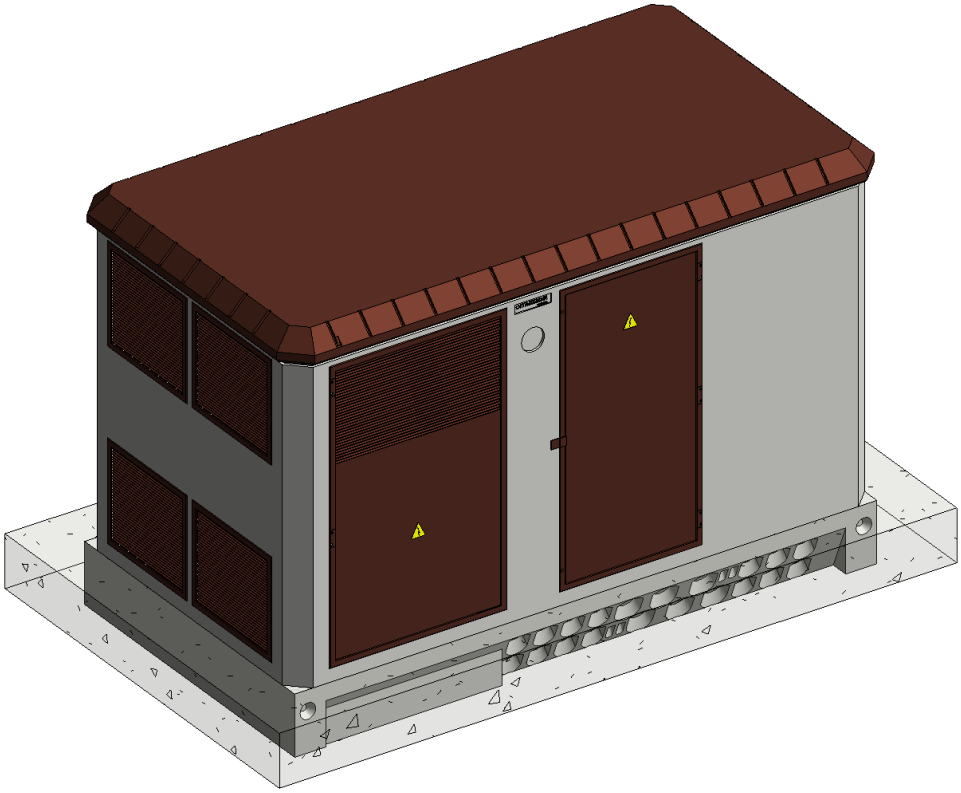


3. Navigate to the location of the shaved ORMAZABAL component that you have just downloaded in order to insert the family in *rfa format that you require.

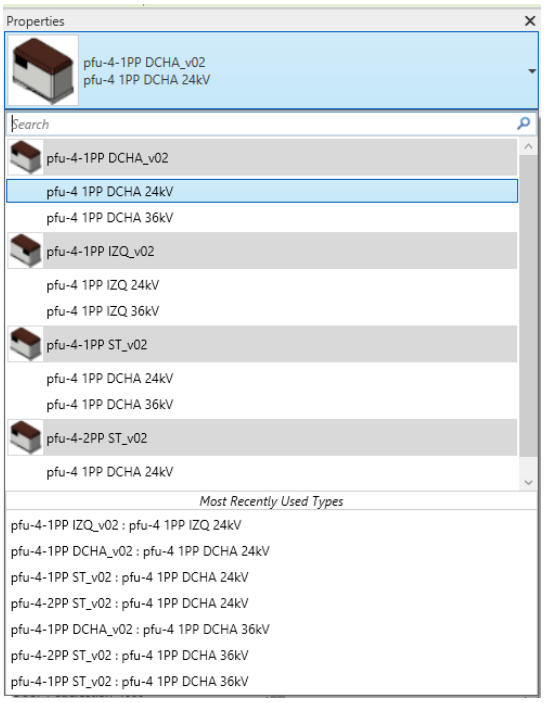
4. Click OPEN to load the component into your Project.



5. Now that the transformer centres is loaded in your Project, you can place them in your model, as shown in the picture:



6. With the “Casework” selected the transformer centers types will appear in the “Properties” dialogue box. From the drop down at the head of this box you can see the component type selected and you can click to reveal the drop down and pick the required type.



7. The transformation center is now part of the electrical system of the Revit project. There are various options available to the user to be able to modify the setting out and its positioning

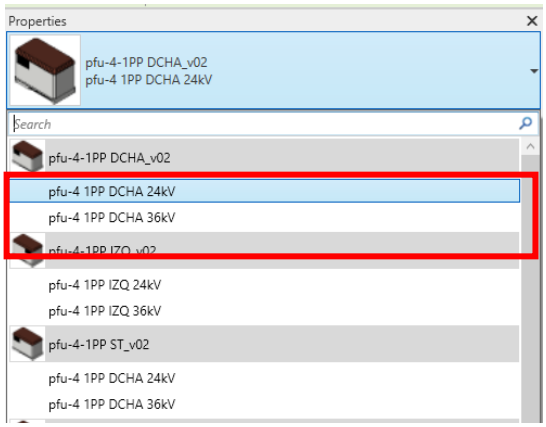
2. Manufacturer specific data

2.1. Standard roof & overfolded roof.

The ORMAZABAL transformer centers contain a series of technical and manufacturer-specific data to help the user when creating their project.

Once the transformer substation has been selected, the type of roof can be enabled, between standard and raised height. The control of the roof height depends on the power selection the transformer centers:

- 24kV = roof 2500mm
- 36kV = roof 2720mm

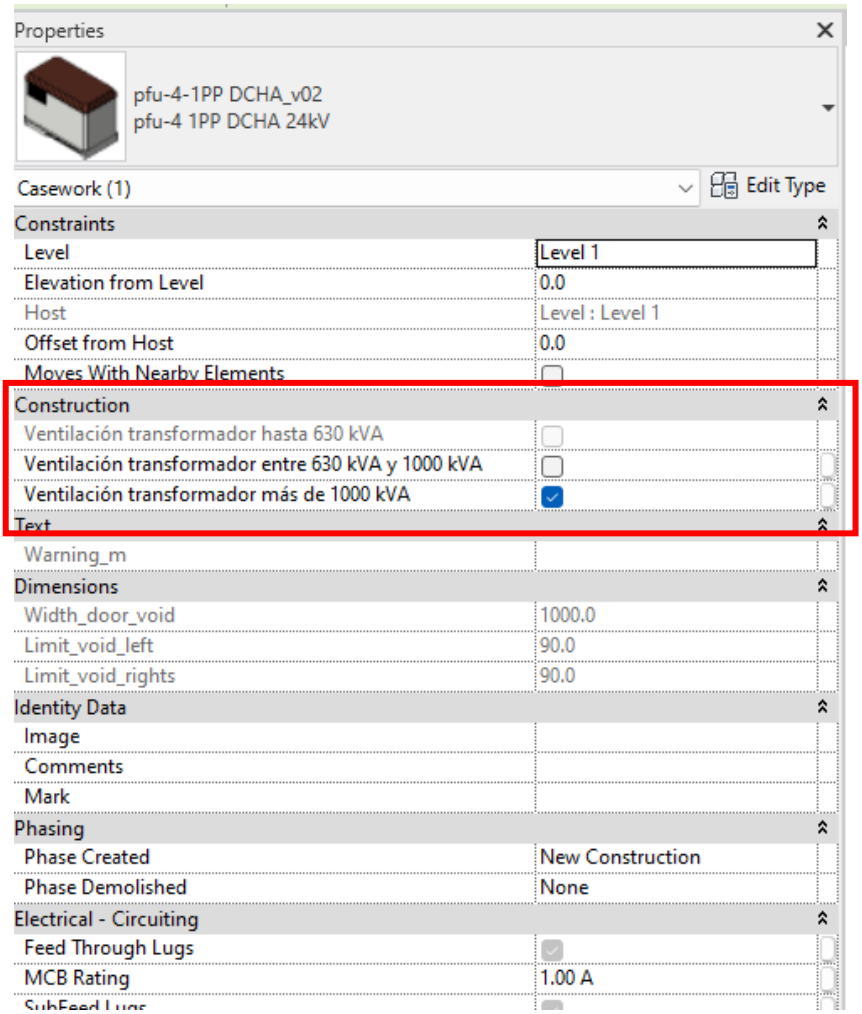




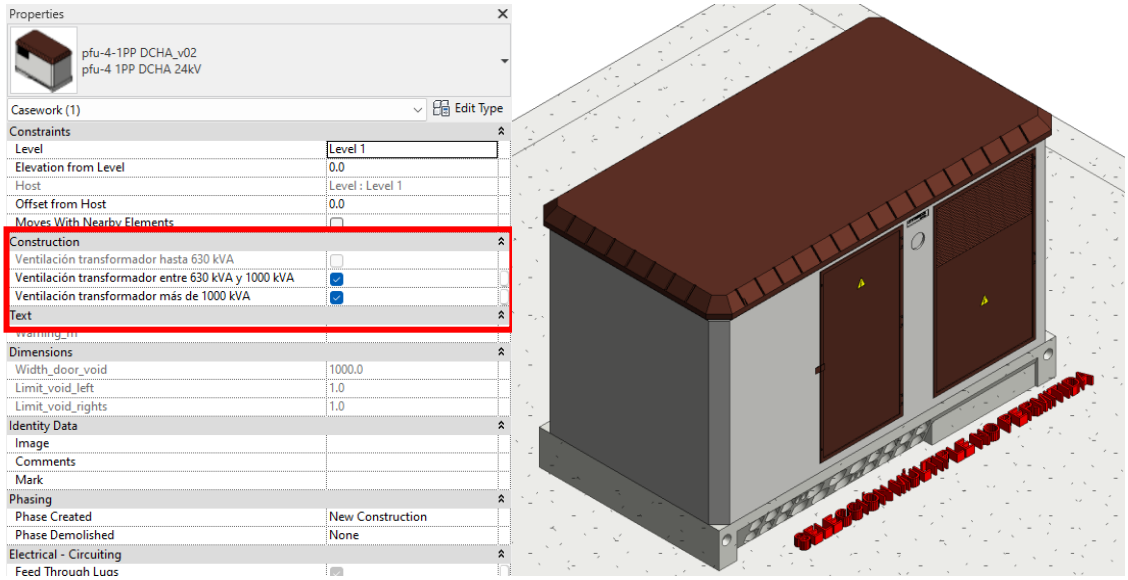
2.2. Ventilation settings.

2.2.1. PFU-4, 1PP DCHA.

The selection of possible configurations for this model are three and can be chosen from the following options, “Ventilación transformador hasta 630 kVA”, “Ventilación transformador entre 630 kVA y 1000 kVA” y “Ventilación transformador más de 1000 kVA”.

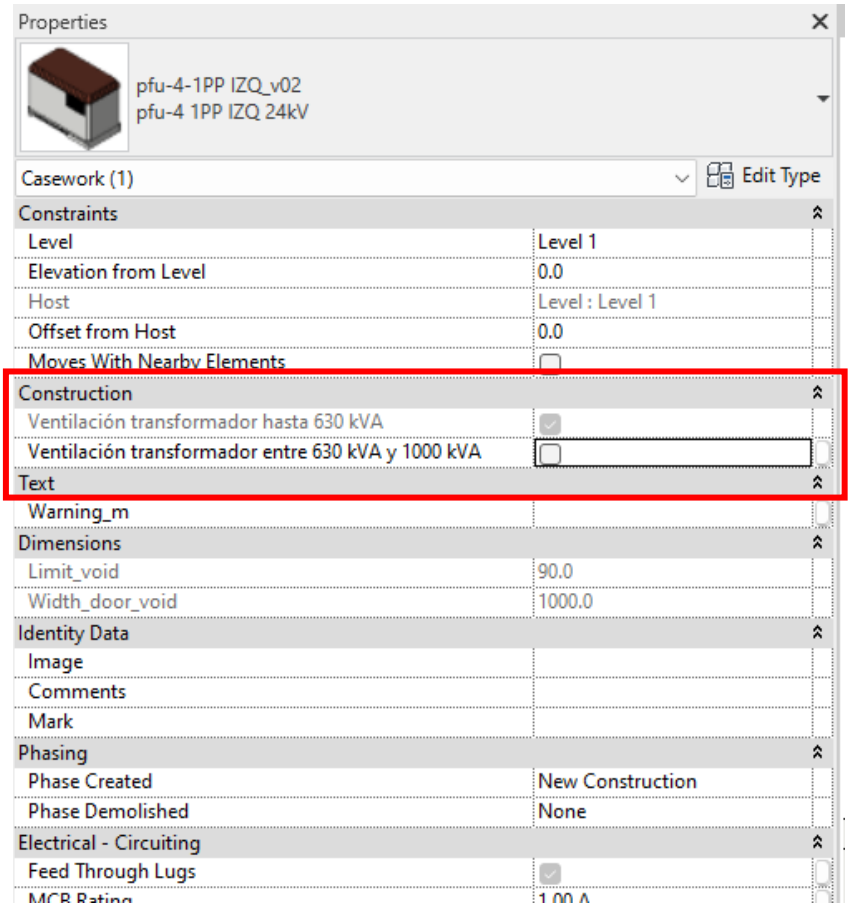


By default, when loading the first time in the project the option "Ventilation transformer up to 630 kVA" is selected and we can select any of the other two options. Multiple selection is not allowed, in the case of selecting at the same time, "Transfomador ventilation between 630 kVA and 1000 kVA" and "Transfomador ventilation more than 1000 kVA", a message will be displayed in the 3D model.



2.2.2. PFU-4, 1PP IZQ

The selection of possible configurations for this model are three and can be chosen from the following options, “Ventilación transformador hasta 630 kVA” y “Ventilación transformador entre 630 kVA y 1000 kVA”.



NOTES:

You can add the ORMAZABAL components to your company template file, this will mean they are available without loading when starting a new project.

ORMAZABAL shall not be responsible for the incorrect use of the families. In case of doubts, please consult Ormazabal Technical department

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More info