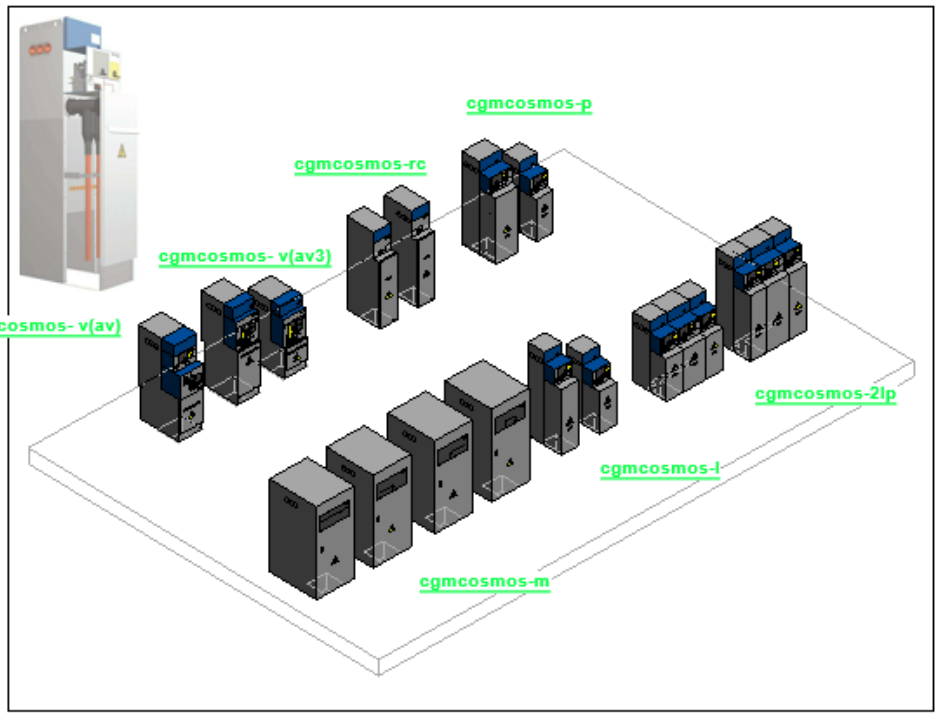
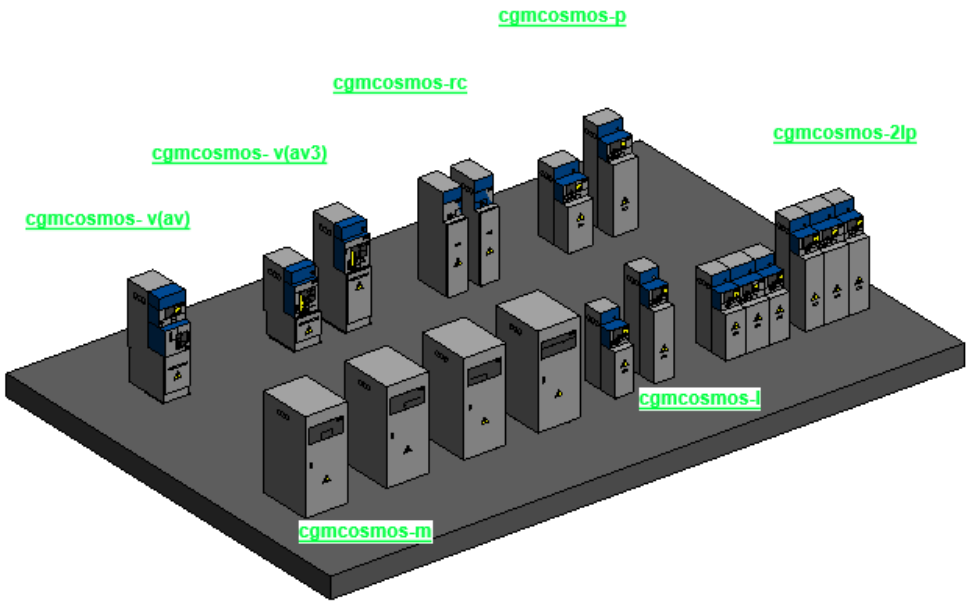
BIM COMPONENTS USER GUIDE
cgmcosmos IEC –REVIT 2018



cgmcosmos IEC

ORMAZABAL cgmcosmos IEC cubicles types

Thank you for downloading the ORMAZABAL cubicle 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 all the cubicle types that are available from ORMAZABAL cgmcosmos IEC.



Placing the cubicles into the project

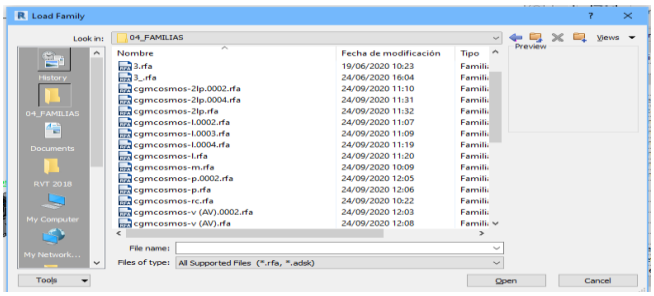
Please follow the below method to load the component into your Project.

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”

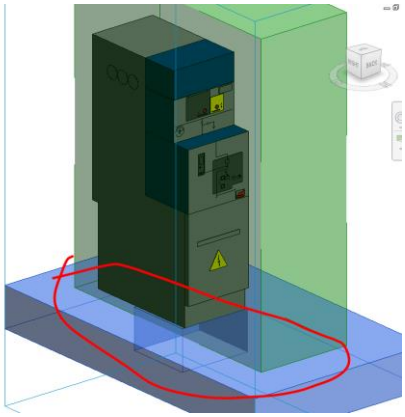


3. Navigate to the location of the saved ORMAZABAL component that you have just donwloaded in order to insert the family in *rfa format that you require.

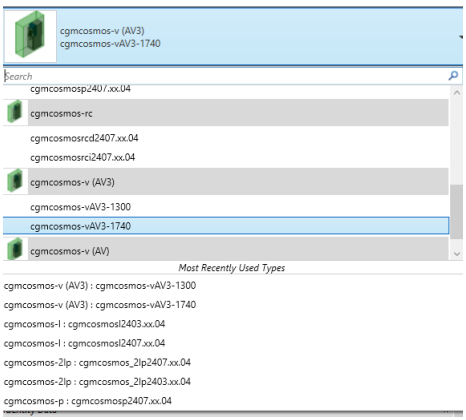
4. Click OPEN to load the component into your Project.



5. Now the cubicles are loaded into your Project, you can place them into your model. As the cubicles are created with a nested trench family that creates a void on floors, you will need to have a floor modeled prior to the insertion, as the image shown on the side:



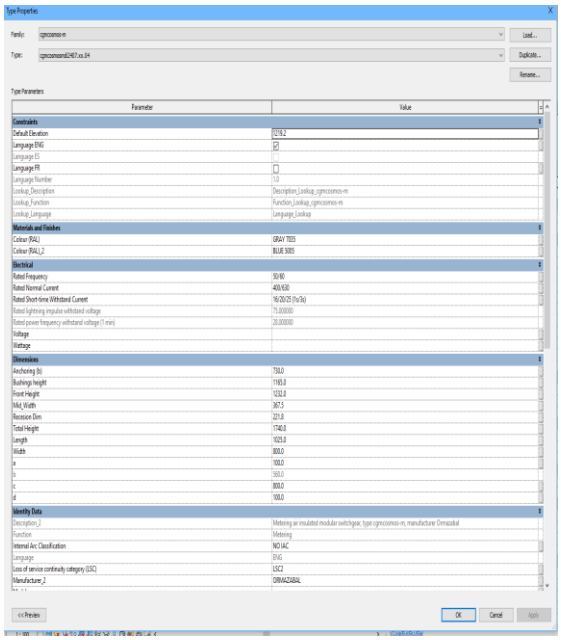
6. With the “Electrical equipment” selected the cubicle types will appear in the “Properties” dialogue box, from the drop down at the head of this box you can see the component type selected and you can click to reveal the drop down and pick the required type.



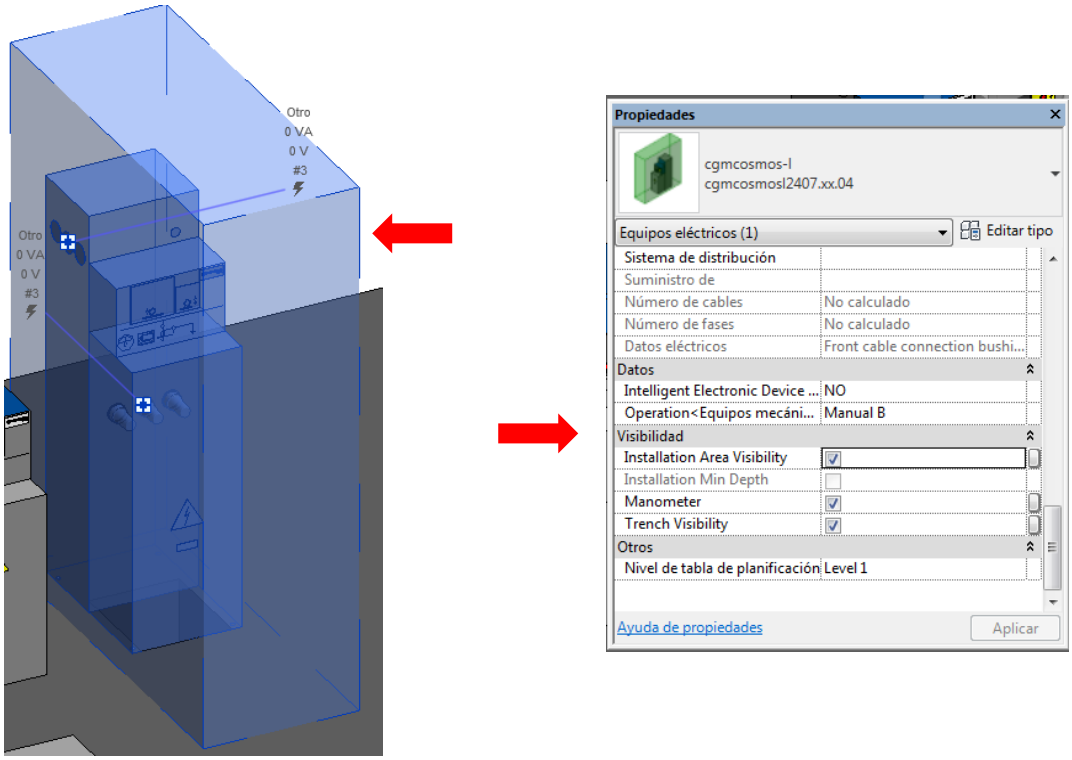
7. The cubicle is now part of the electrical system of the revit project. There are various options available to the user to be able to modify the setting out and the positioning of the cubicle.

Manufacturer specific data

The ORMAZABAL cubicles contain a number of technical and manufacturer specific data to assist the user when creating their project. To access the date embedded into the cubicles, simply select the family and click the “Edit Type” button at the head of the “Properties” tab.



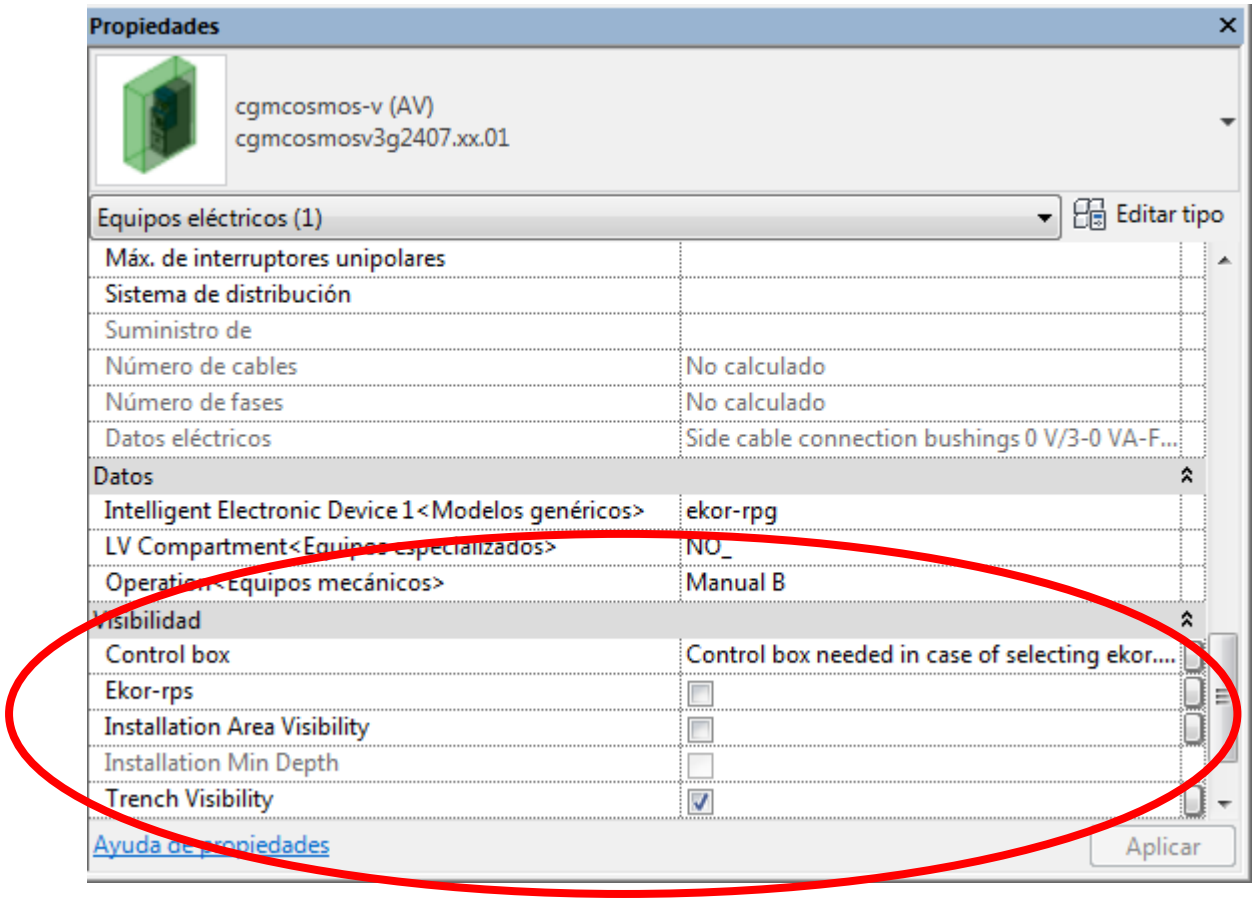
Once the cubicle is selected, you will be able to enable the visibility of the installation area and trench, by clicking the instance box parameter on and off:



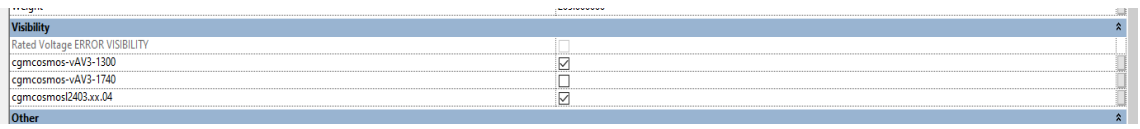
The installation area can be modified by the user to comply with the local or country regulations of the location (if applicable). **It is mandatory to check them for a correct use of the families**. In case of doubt, please consult Ormazabal Technical Department.

Taking into account that the height of the trench could be changed according to the section of the cables. For more information, please check the General instructions of the cubicles (IG-078).

Depending on the family some other features are available within the type parameters, such as optional accessories like **ekor**.rps among others.



In addition, some other cubicle features should take into consideration in order for the families to operate correctly. For instance when finding boxes like the one shown in the picture below, the user should be aware not to change these parameters, as it might affect the actual cubicle behavior.



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 check the General instructions of the cubicles (IG-078) or consult Ormazabal Technical department