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Jaga Heating Products  
Trench Heaters  
User Guide



**jaga**

Version 1.0 | Revit 2013  
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## Family Component 'Type Catalogue'

This family is supplied with a type catalogue; which contains all the manufacturers' standard type variations. Please make sure the (.txt) file is placed in the same directory when you copy the family file (.rfa) to your library. Do not rename this file or else it will not work.

The Jaga Heating Trench Heaters are available in a range of sizes. A type catalogue has been set up to assist the user in selecting only the required types they need so as not to unnecessarily increase the project model size. The zip file that you have just downloaded from bimstore will contain two important files to allow this type catalogue to work correctly, these are;

- the .rfa file (Revit family component)
- the .txt of the same name (contains the type catalogue information)

**IMPORTANT** - Please ensure that when saving your component on to your system that you save both files to the same location.

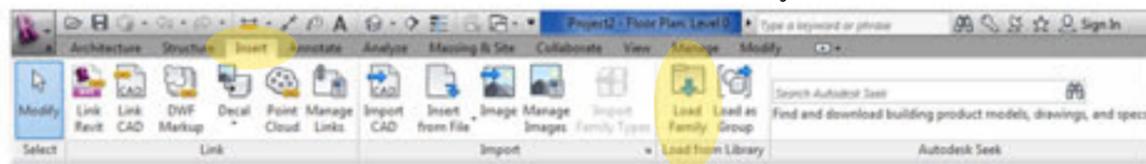
Please follow the below 'type catalogue' method to load the component into your project.

## Loading the component into your project

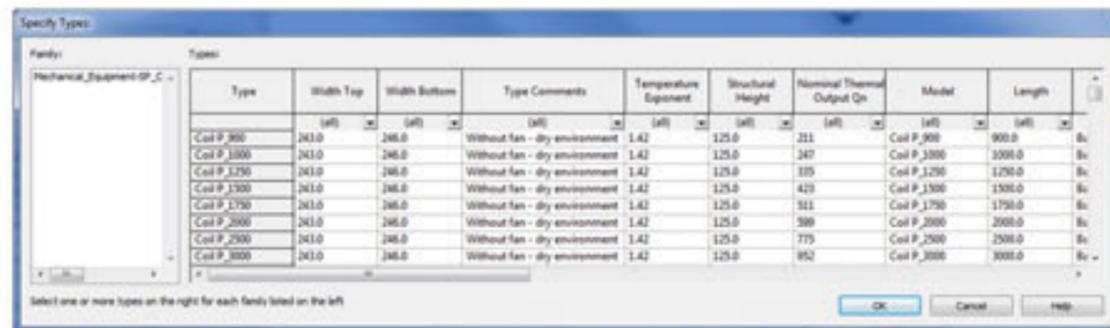
**NOTE:** This family has been created as a 'Faced Based' component to allow it to function correctly in a linked project

The Trench Heater components are modelled as a 'Mechanical Equipment' Family. You can add the family into your project using the following method;

1. Open the Revit file containing your 'project', and navigate to an appropriate view.
2. Go to the 'Insert' tab on the Revit Ribbon and select 'Load Family'



3. Navigate to the location of the saved JagaTrench Heater component that you have just downloaded from [www.bimstore.co.uk](http://www.bimstore.co.uk). Note - Please refer to the 'Type Catalogue' section above and ensure that you have saved the .txt file to the correct location.
4. The type catalogue selector will now appear (see below) select the desired types from the scroll menu, the selection will turn black once picked. To select multiple hold Shift or Ctrl.



5. Click OK to load these components into your project. The Family is now copied & embedded into your project and can be selected from the 'Project Browser / Families / Mechanical Equipment' selector within your project browser.

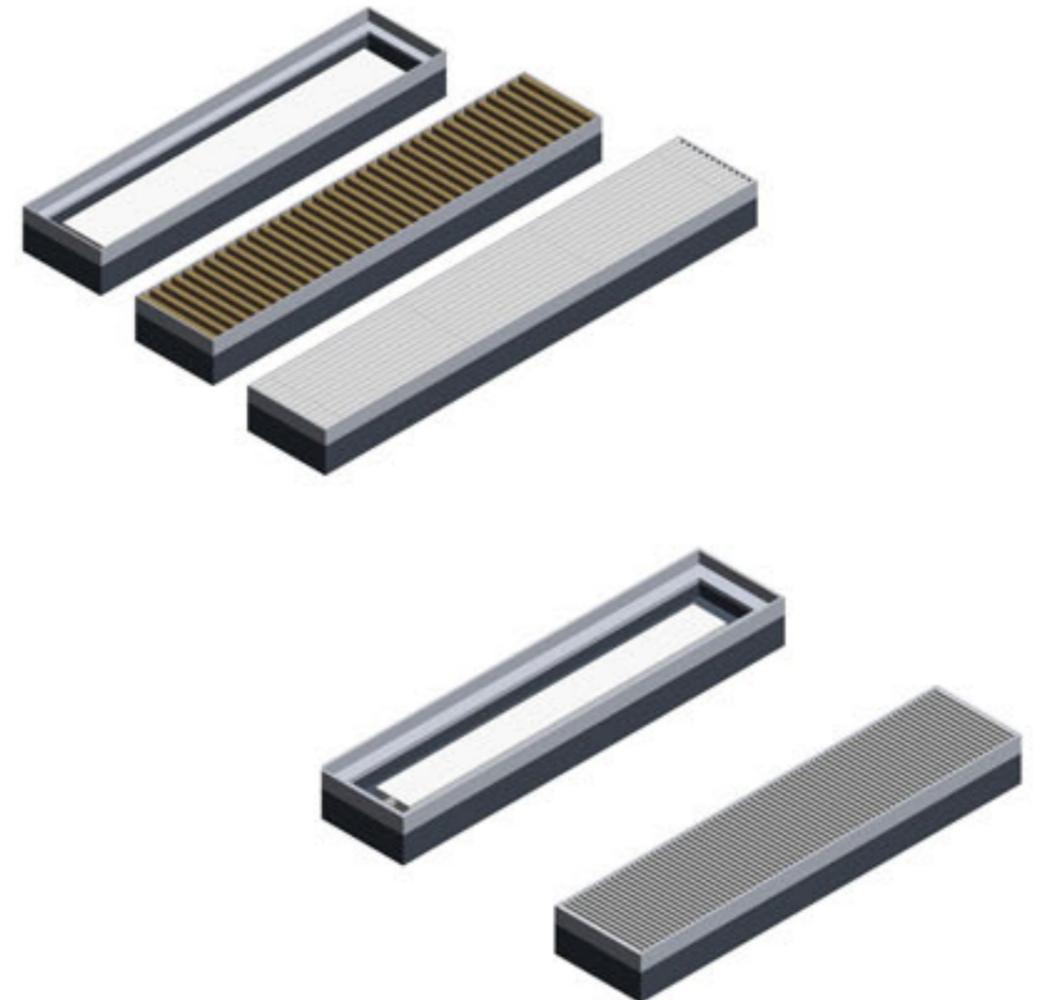
Please note that due to the component calculating parametric arrays in the types you have selected this may take a little time. It is recommended that you pick 2-3 types to start with and then repeat the process if required rather than selecting many types at once.

## Using the Jaga components

Now embedded into your project the trench heaters can be selected from either the 'Mechanical Equipment' list in the 'Project Browser' and dragged into your model or by selecting 'Components' in the 'Architecture' tab and selecting the radiator from the 'Type Selector' drop down in the Properties Box'.

Jaga Heating offer a range of options for their Trench Heaters and these have been built into the component. In order to access these and apply please use the following method:

1. Go to a suitable view and select the component.
2. Once the family is selected, the 'Properties' box will appear on the screen. Under the heading 'Visibility' are the parameters to turn ON/OFF various grille options (these options depend on the component you have downloaded.) Most of the trench heaters load in with No grille selected so a user has to choose the option manually.
3. Also in the 'Properties' box under the heading 'Visibility' are parameters that give you the option to choose from a drop down menu of grilles. eg. 'Roll Up Grille Option<Speciality Equipment>' To change the grille, use the drop down to select the required type of grille.
4. Under the 'Mechanical' heading in the 'Properties' box are the parameters that control the Thermal Outputs of the components. Where the component has cooling capabilities, there will be instance parameters for each output and temperatures.



**bimstore.co.uk**  
content, sorted

North East  
Spaceworks  
Benton Park Road  
Newcastle upon Tyne  
NE7 7LX

T: +44 (0)191 223 6600  
F: +44 (0)191 223 6610