

USER GUIDE

# Lookup Tables & Type Catalogues

The pipe fittings, accessory and valve families available from bimstore for Girpi HTA products work in two distinct ways within Revit depending on what type of component it is.

Families which can be loaded as part of a “Routing Preference” for pipe systems within Revit utilize Lookup Tables to control the size of the fitting at different pipe sizes.

Families which cannot be loaded into a routing or are not utilized as commonly as other fittings within a routing preference are controlled via a type catalogue.

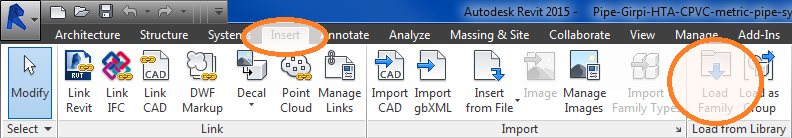
The .zip file you have downloaded from bimstore will contain either a Lookup Table (.csv) or a Type Catalogue (.txt) file.

For installation of Lookup Tables please follow the instructions opposite carefully.

# Loading Type Catalogue into your project

The pipe fittings and pipe accessories can be simply loaded into the project using the following method.

1. Open 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’



1. Navigate to the location of the saved pipe Fitting/Accessory/Valve component that you have just downloaded from [www.bimstore.co.uk](http://www.bimstore.co.uk)
2. The Type Catalogue selector will now appear. Select the desired sizes from the scroll menu, the selection will turn black once picked. To select multiple items hold the shift key.
3. Click OK to load these components into your project.

# Installing .CSV Lookup Tables for Proper Functionality

The pipe fitting families contained require .CSV file format Lookup Tables to function correctly. Lookup tables are .csv files that contain controlling dimensions of pipe fittings within REVIT. Please follow all steps in the order listed. If these steps are not followed you may encounter errors. The .csv files have been included within download.

1. Close Revit
2. Install .csv files into the correct Revit MEP “Lookup Tables” folder, see the install paths below.

For Local Installation

This is the typical location on systems running Windows 7. Please note that If you have modified the default installation path for Revit then you need to verify where the folder exists.

For Revit MEP 2015

**C:\ProgramData\Autodesk\RVT 2015\Lookup Tables\Pipe**

Note: These families are created in Revit 2015 and will only work with versions of Revit 2015 or later.

For Network Installation

Create a network location where you want to store the files or where your company currently stores its .CSV Lookup Table files on its network.

Once the network location is created each user will need to update the Revit.ini (Which is the user preference file). This file may is located in:

**C:\Users\”User Name”\App Data\Roaming\Autodesk\Revit\”Revit Version”**

Note: These folders may be hidden by default, if this is the case you will have to set your Windows preferences to display hidden folders.

Open the file with a text editor such as Notepad. It is a good idea to save a copy of the file before altering in case any errors are made, allowing for easy restoration to the previous state.

Change the test in the “Revit.ini” file from:

**“LookupTableLocation=C:\ProgramData\Autodesk\RVT 2015\Lookup Tables\Pipe”** to

**“LookupTableLocation=”Your New Network Path that you created”**

1. Launch Revit. If you change or edit any .csv files you must restart Revit for it to recognize the changes.

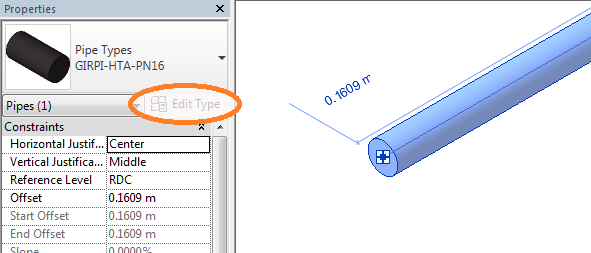
# Setting up Pipe Routing Preferences

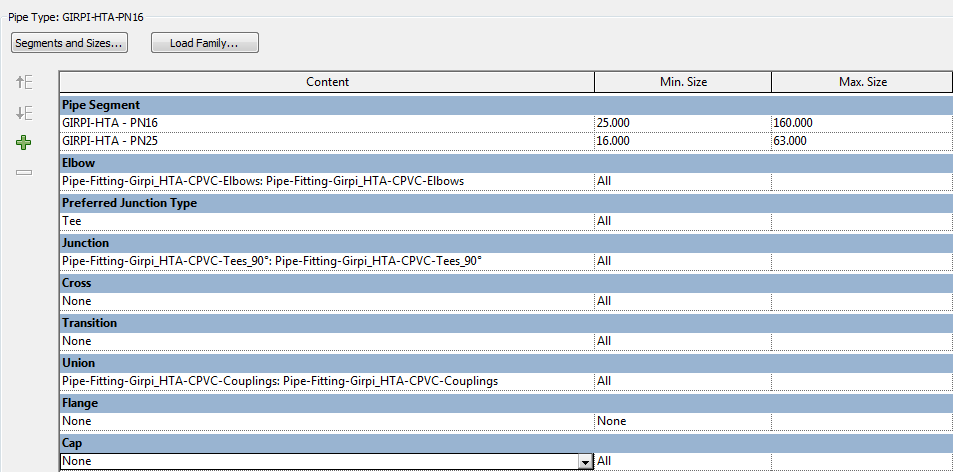
The pipe fittings are designed to be used with Girpi HTA pipes, there are two downloads on bimstore which include the Girpi HTA pipe system. One of these has all the pipe fittings which can be set within the routing preferences preloaded into the project.

However, there is also the option to download a project which has no fittings included so the user can create a custom routing preference which does not have to include all the fittings families.

In order to customize your ‘routing preference’ follow the steps below:

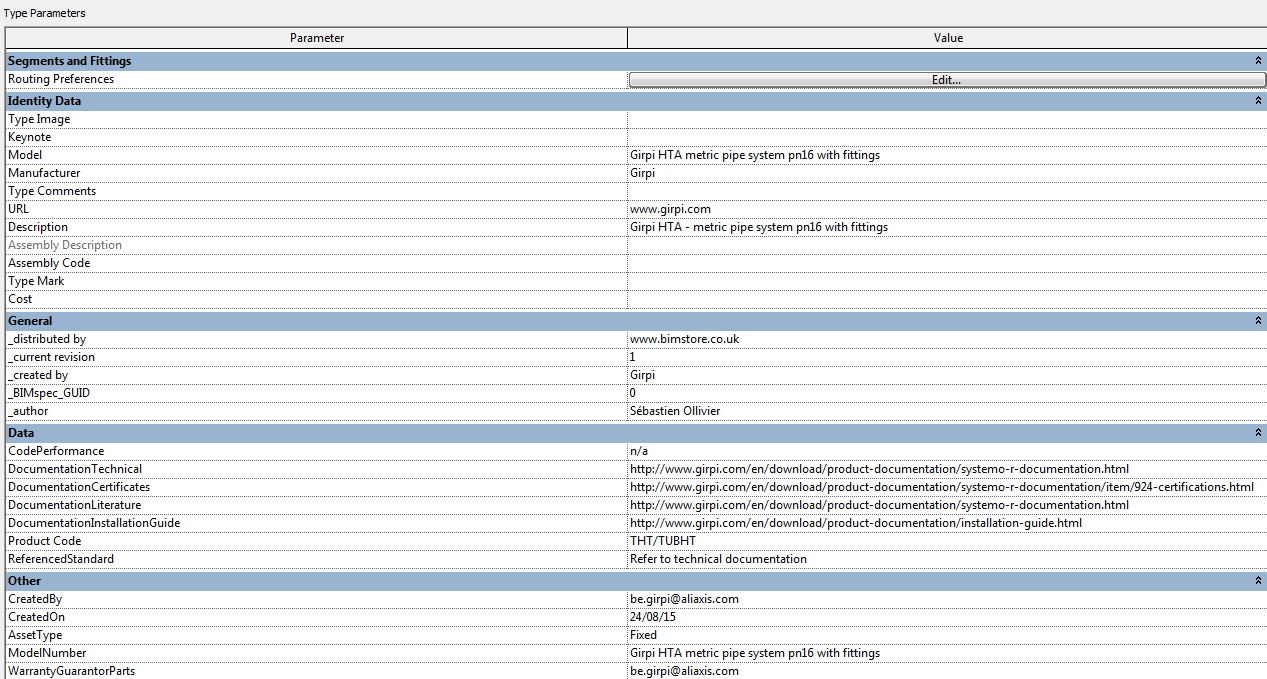
1. Select a pipe in your project. And select ‘Edit Type’ from the properties box.



1. This will bring up the Type Properties for the pipe system. Under ‘Segments and Fittings’ you will find ‘Routing Preferences’. Click ‘Edit…’ to define your routing preferences.
2. From this dialogue box you can load a family and then define how the fitting will behave within the project.
3. Note: You can have two elbow families or two junction families loaded into one routing preference, to do this click on the green ‘+’ sign on the left hand side. However, Revit will use the family loaded at the top of the list as the default fitting for type of junction. The order of preference can be determined by using the up and down arrows above the green ‘+’ symbol.

# Girpi Manufacturer specific data

The Girpi HTA families contain host of technical and manufacturer specific data to assist the user when building up their project or when scheduling. To access the data embedded into the families, simply select the desired component and click the ‘Edit Type’ button at the head of the ‘Properties’ tab. All his information can be scheduled including URL links direct to Girpi and to the documentation links of the particular product.



# Other Notes

You may have the Girpi HTA pipe fittings and accessories families to your company template file, this will mean they are available without loading when starting a new project.

# Revisions

Version 1.0-First Issue