

Challenge exercise: Control cupboard doors with formulae

Create a series of parameters to control cupboard doors when the cupboards' width and height are changed.

Complete the required activities:

- Open the supplied **Office Cupboard.rfa**.
- Create a series of formulae to control the cupboard doors maintaining a $1/8"$ gap as shown in figure 1.
- Name and organize new parameters for ease of use and consistency.
- Amend the cupboard width and height as shown below:
 - Cupboard Width = 38"
 - Cupboard Height = 24"

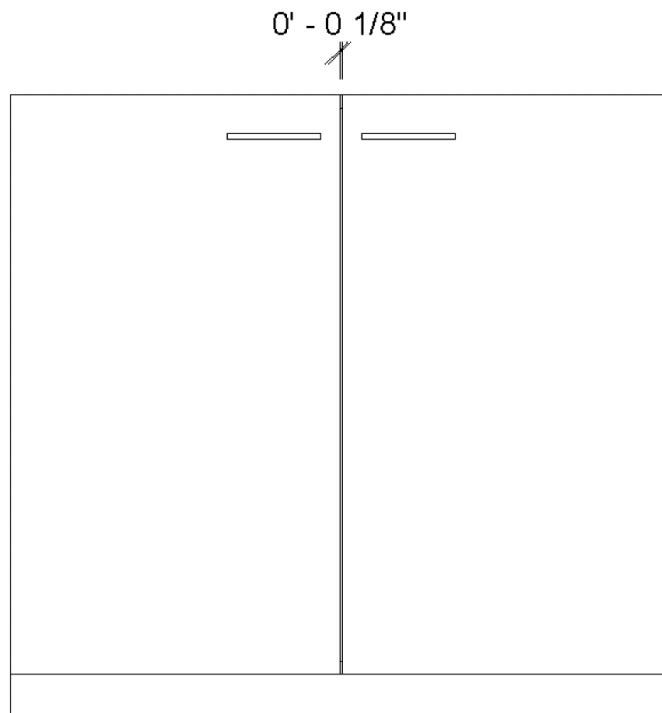


Figure 1. Office Cupboard front elevation

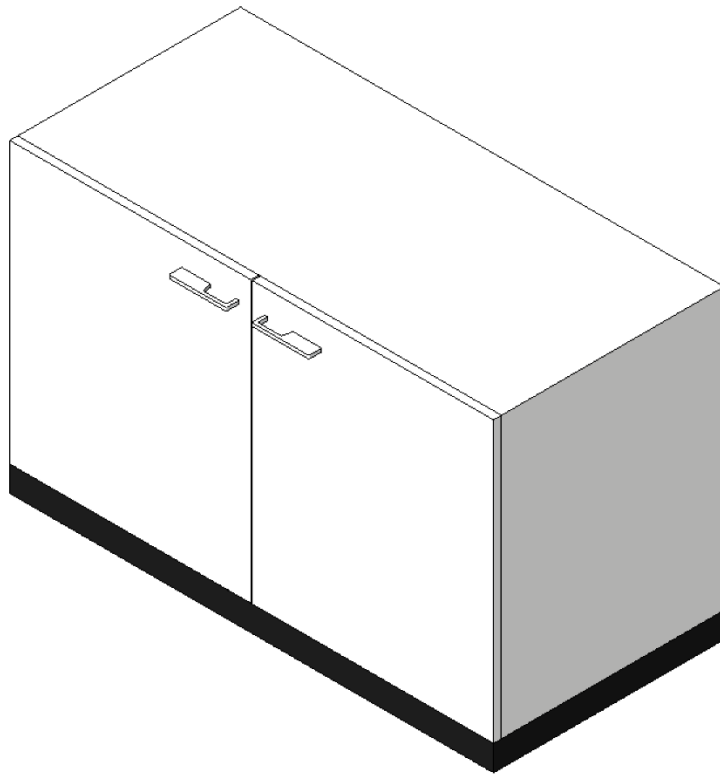


Figure 2. Target family