

CENTRIFUGAL FAN USAGE GUIDE

Twin City Fan's centrifugal Revit families provide users with the arrangement, discharge and rotation options to configure products to their specific requirements.

HOW IT WORKS

Refer to the **Twin City Fan Revit Family Usage Guide** for details on how to load a family into a project. Once the 'Load Family' screen has appeared, users will select the specific model they want (BAE, BAF or BC). Within the model folder as seen in **Figure 1**, the user will be required to select the fan arrangement and width (SW or DW) as well as whether they want a fan which is rotatable or not. A fan being rotatable means that the discharge (not the rotation) of the housing can be changed in the field. In the model, the discharge and rotation can be modified in either case, rotatable or non-rotatable. The next step for the user is to select the size/class combination they want to load into the project. **Figure 2** shows this in detail. Once this is done, the fan is in the project, ready to be placed.

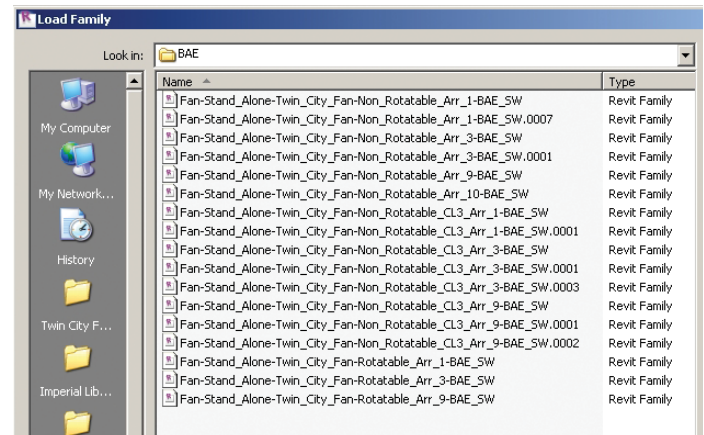
After the fan has been loaded and placed into the project, there are two parameters which the user must modify; the discharge and rotation. The default values for the discharge and rotation will be set at '0' (Top Horizontal Discharge) and 'CW' (Clockwise) respectively. The user can change the discharge to any of the 7 available options by changing the numeric value in the discharge field. **Table 1** lists the available discharges by model. To change the rotation from CW to CCW, uncheck the box titled 'Clockwise Rotation'. Note that the rotation is always determined by viewing the fan from the drive side as opposed to the inlet side.

Note that motors and mounting bases are not included on any models, with the exception of arrangement 9 models, which include a representation of a motor.

QUESTIONS

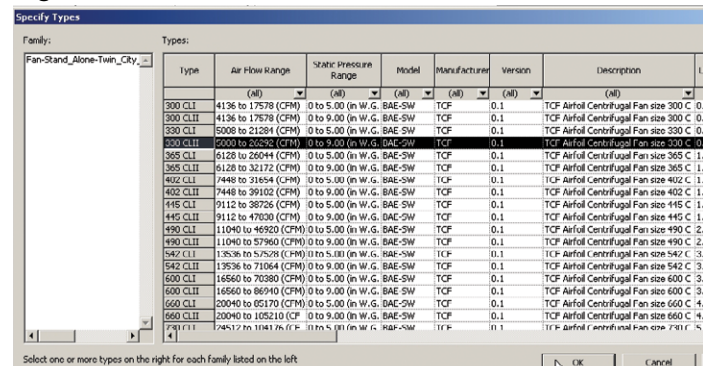
For assistance with Twin City Fan Revit models, please send an email to revithelp@tcf.com.

Figure 1



'Load Family' screen where user selects Arrangement/width of fan.

Figure 2



'Specify types' screen where user chooses size/class combination.

Table 1: Available Discharges by Model

Model	Available Discharges						
	THD	DBD	TAD	TAU	UBD	BAU	BHD
BC-SW	0	1	2	3	4	5	6
BC-DW	0	1	2	3	4	5	6
BAE-SW	0	1	2	3	4	5	6
BAE-DW	0	1	2	3	4	5	6
BAF-SW	0	1	2	3	4	5	6
BAF-DW	0	1	2	3	4	5	6

