

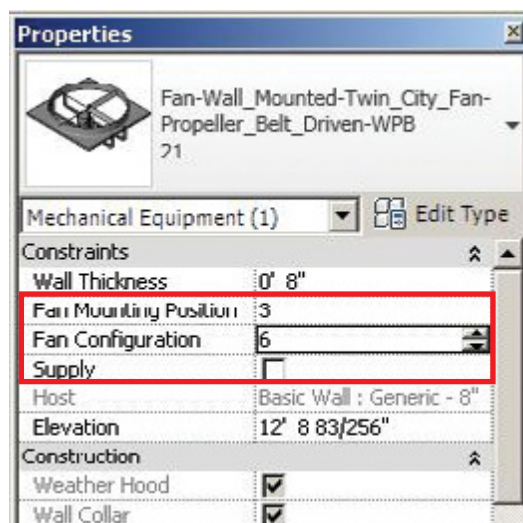
Propeller Wall Fan Usage Guide

Wall propeller fans offer a variety of mounting positions and configurations. Due to the numerous options available within this product line, Twin City Fan's Revit families are configurable to match application requirements for mounting with and without accessories.

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 family is loaded in the project, the default properties will be: Exhaust airflow, '0' for the Mounting Position (Recess Mounting in the Wall) and '0' for Fan Configuration (Fan and no Accessories). The next step is to determine the mounting position required from among the 5 available numeric options (0 through 4). The mounting position parameter refers to how the fan mounts in relation to the wall and the wall opening, see **Table 1** below. Note that Positions 2, 3 and 4 are only applicable to a fan with a Wall Collar or a Wall Box. The final step is to choose a fan configuration, which defines the specific combination of accessories included with the fan. The TCPE has 3 accessories and 5 fan configurations (numbered 0 through 4). See **Tables 1 and 2** to configure a TCPE. The WPD and WPB have a total of 22 fan configurations

Figure 1



(numbered 0 through 21). See **Tables 1 and 3** to configure a WPD or WPB. The fan discharge can be changed from exhaust to supply by clicking the 'Supply' checkbox.

Table 1. TCPE, WPD & WPB Mounting Positions

Position	Description
0	Recess in Wall Opening
1	Surface Mounting
2	Flush with Exterior Wall
3	Middle of Wall
4	Flush with Interior Wall

Table 2. TCPE Fan Configuration Options

		0	1	2	3	4
Accessories	Wall Collar			X	X	X
	Weather Hood		X		X	
	Damper Guard					X

Table 3. WPD & WPB Fan Configuration Options

		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Accessories	OSHA Motor Side Guard			X	X	X	X	X	X	X	X												
	Wall Collar					X	X	X	X	X	X	X	X	X	X	X							
	Wall Box																X	X	X	X	X	X	X
	Weather Hood		X		X			X			X			X			X			X			
	Damper Guard						X			X			X			X			X			X	X
	Filter Box								X	X	X				X	X	X				X	X	X

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