

SCBD/SCDD SQUARE INLINE CENTRIFUGAL USAGE GUIDE

Aerovent’s square inline centrifugal models SCBD and SCDD have a unique discharge option parameter within Revit. This field allows the user to select the appropriate discharge for the application.

How It Works

Refer to the **Aerovent Revit Family Usage Guide** for details on how to load a family into a project. Once loaded the default discharge option is ‘1’ which corresponds to rear discharge. The user can change the discharge option to any one of 7 available configurations by changing the numeric value in the discharge option field. **Table 1** describes each configuration. Note that Revit recognizes all duct connections on the fan regardless of the discharge option selected. For example, a rear discharge will have Left and Right duct connections in the model despite the fact that they have no mounting collars and are not valid mounting options. It is important to ensure the correct discharge option is selected and that the duct work, transitions, etc. are in the correct mounting locations. Also, CFM values must be entered for all three discharges. Non-applicable discharges are set to ‘0 CFM’.

Although there are only 7 discharge options available, Revit will allow the user to enter numeric values larger than 7 in this field. Any value greater than 7 will result in an invalid discharge.

Figure 1

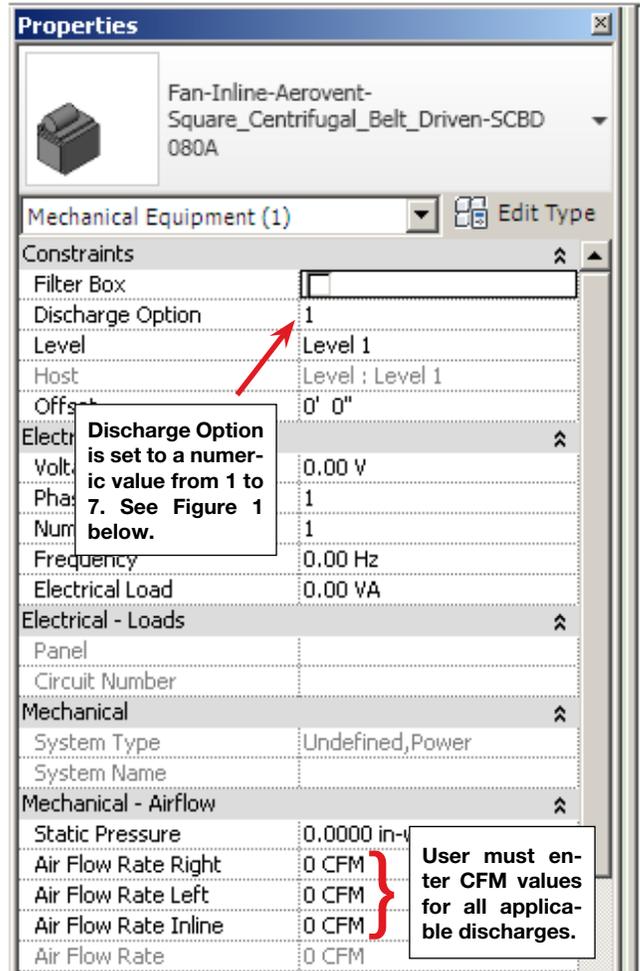


Table 1*

Discharge Option*	1	2	3	4	5	6	7
Description	Rear Discharge	Left Discharge	Right Discharge	Left and Right Discharge	Left and Rear Discharge	Right and Rear Discharge	Left, Right and Rear Discharge
Image							

*Note: All discharge options are as viewed from the fan inlet.

For assistance with Aerovent Revit models, please send an email to revithelp@aerovent.com.