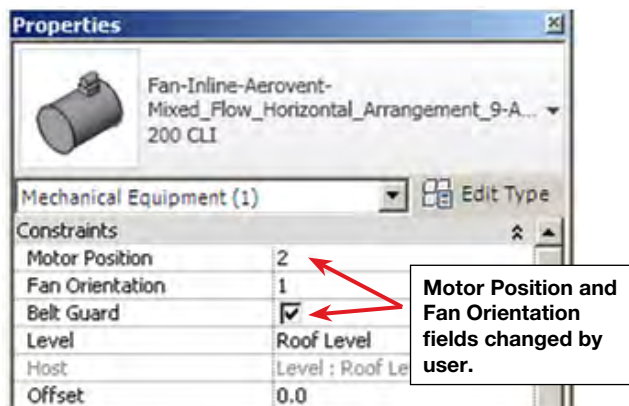# Inline Centrifugal and Mixed Flow Usage Guide

Aerovent's Inline Centrifugal and Mixed Flow Fan Revit Family Models allow users to configure products to their specific requirements and load only the fan and options that they require.

## How It Works

Refer to the **Aerovent Revit Family Usage Guide** for details on how to load a family into a project. When loading the .rfa file into the project, the available horizontal and vertical discharges will be listed and it is at this point that the user must select the discharge that is required for the application. After selecting the discharge, the user then selects the fan size(s) to load into the model. If a horizontal fan was loaded, the Fan Orientation and Motor Postion will both be set to '0' as the default value, but the user can modify the numeric values to change these fields as seen in **Figure 1**. The available combinations are listed in **Table 1**. Note that there are checkboxes for belt guard and motor cover accessories. Although these accessories are mutually exclusive, the software will allow the user to select both at the same time. Therefore, it is important that the user selects only the

**Figure 1**



accessory that is required. Another thing to note is that the model AMX has a unique belt driven arrangement 3 option with a shortened housing and also a direct drive arrangement 4 option, which the user will see when loading the .rfa file for the model AMX.

**Table 1: Available Motor Positions by Discharge**

| Fan Type | Horizontal | | Vertical | |
|---|---|---|---|---|
| | HBM | HCH | VU | VD |
| LCBD | 0,1,3 | 0,1,2,3 | X | X |
| LCBDR | 0,1,3 | 0,1,2,3 | X | |
| LAMX | 0,1,3 | 0,1,2,3 | X | X |
| LAMXR | 0,1,3 | 0,1,2,3 | X | |
| LAMXSH | 0,1,3 | 0,1,2,3 | X | |

| FanType | Horizontal | | | Vertical | |
|---|---|---|---|---|---|
| | HOR | HBM | HCH | VUI,VUO,VUN | VDI,VDO,VDN |
| AMX | 0,1,2,3,4,5,6,7 | 0,1,2,6,7 | 0,1,2,3,4,5,6,7 | X | X |
| AMXR | 0,1,2,3,4,5,6,7 | 0,1,2,6,7 | 0,1,2,3,4,5,6,7 | X | |
| AMXSH | 0,1,2,3,4,5,6,7 | 0,1,2,6,7 | 0,1,2,3,4,5,6,7 | X | |

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