BSTAB/BSTA Inline Tubeaxial Usage Guide

Inline Tubeaxial Fans are a versatile product line offering users multiple mounting configurations within one Revit family.

How It Works

Refer to the **Aerovent Revit Family Usage Guide** for details on how to load a family into a project. Whether loading a belt driven BSTAB or a direct drive BSTA, there are three discharge options to choose from: Horizontal, Vertical Up or Vertical Down. After selecting the required discharge, the user then selects the fan size(s) to load into the model. Once loaded, the default values for the Fan Orientation and Motor Postion (BSTAB only) fields will be set to '0' regardless of the discharge selected. The user can change the value of these fields to modify the Fan Orientation and Motor Position of the model to meet the requirements of the application. **Table 1** describes what each Fan Orientation is and what is available with each one. Also note that the belt driven BSTAB has checkboxes that allow the user to add a belt guard or a motor cover accessory to the fan. 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 select only the accessory that is required.

Figure 1

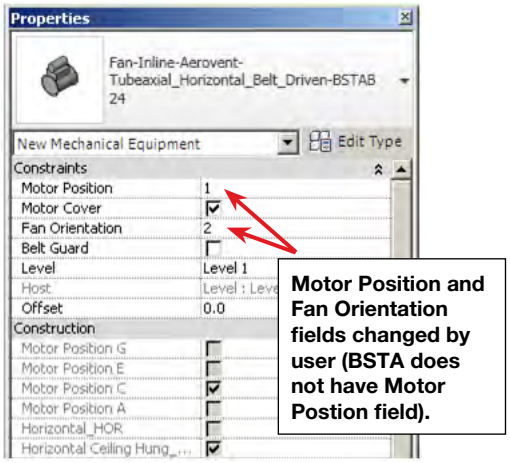
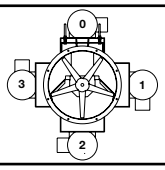
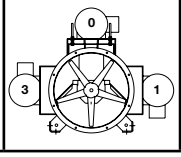
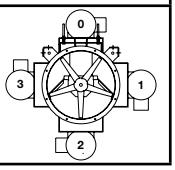
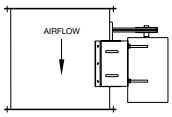
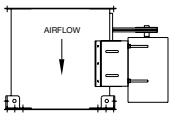
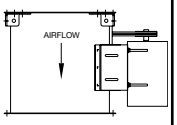


Table 1

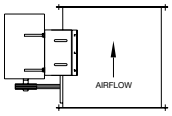
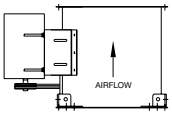
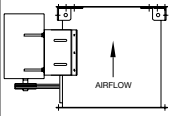
BSTAB/BSTA Horizontal Fan Orientation Options

Fan Orientation	0*	1	2
Description	Horizontal, No Brackets (HOR)	Horizontal Base Mount (HBM)	Horizontal Ceiling Hung (HCH)
Available Motor Positions**	0*,1,2,3	0,1,3	0,1,2,3
Image			

BSTAB/BSTA Vertical Downblast Fan Orientation Options

Fan Orientation	0*	1	2
Description	Vertical Down, No Brackets (VDN)	Vertical Down, Brackets on Outlet (VDO)	Vertical Down, Brackets on Inlet (VDI)
Image			

BSTAB/BSTA Vertical Upblast Fan Orientation Options

Fan Orientation	0*	1	2
Description	Vertical Up, No Brackets (VUN)	Vertical Up, Brackets on Inlet (VUI)	Vertical Up, Brackets on Outlet (VUO)
Image			

*Default Value
**Belt Drive Fans Only

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