

VanAir™ Ventilated Door

Door Series

OVERVIEW

This Revit model is meant for architects, designers and engineers for use in Revit. It is fully parametric with pre-set constrains for location, size and airflow characteristics of vents, and panel configurations. Modifying door sizes will automatically update vent size and location.

FILES

Files are compatible with Revit 2015 and newer versions. Refer to product sheets for additional information.

DOOR THICKNESS	STANDARD DOOR SKINS	ROUTED DOOR SKINS (ALKI)
1-3/8" thickness	VA7300 VA8.rfa	VA7300 VA8 - Alki.rfa
1-3/4" thickness	VA7500 VA4.rfa	VA7500 VA4 - Alki.rfa
	Door Library.rvt	

FEATURES

Standard and Max Airflow Option

Airflow data is available in the type properties dialogue box for the standard and max airflow option.

Standard and Reverse Slot Placement

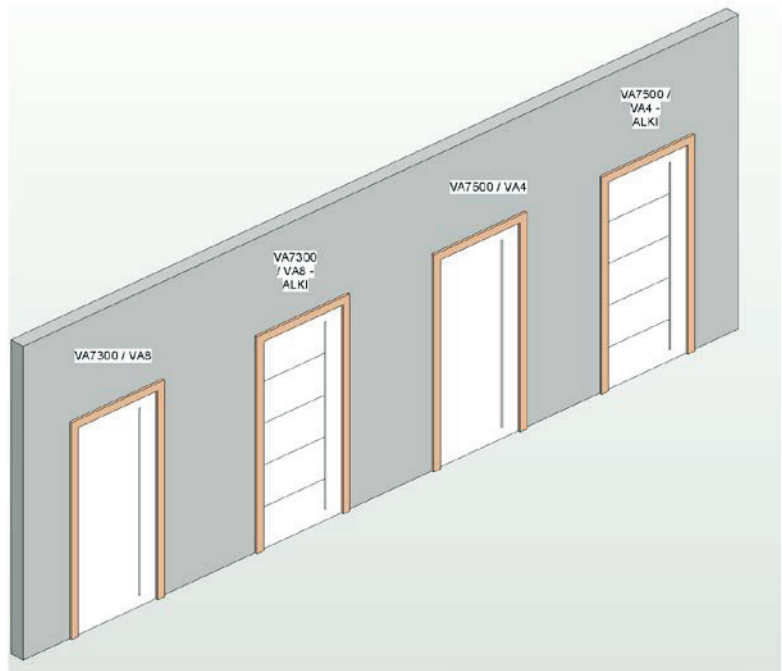
Standard slot placement is with the strike. Select left or right option to achieve the desired look.

Door Trim

Select door trim on or off. Door and trim material can be easily changed.

Door Schedule

Door schedule will populate automatically with door size, model, and standard door schedule information.



Instructions

GENERAL

1. Open the desired door file with Revit 2015 or newer.
2. Load into Revit, or click and drag file into project.
3. Select door size from the drop down menu and place door where desired.
4. Select vent location, and turn trim on or off.
5. Adjust for custom sizes if needed by using standard Revit techniques.

ENGINEERING RELATED

- A. Once door is loaded in (see steps 1-4), select door and click "edit type" in the properties dialogue box.
- B. Under the Mechanical - Flow options group, change the "Pressure" to the desired number (in Pascals) and the Airflow values will be displayed above in CFM for both the high airflow model, and the standard airflow model. These numbers are extrapolated from the airflow performance chart in the product data sheet.

Type Properties

Family: VA7300 VA8 Load...

Type: 36" x 80" Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
Function	Interior
Wall Closure	By host
Construction Type	
Materials and Finishes	
Door Material	Paint Ready White
Trim Material	Door Trim
Mechanical - Flow	
Standard Airflow Model	170.00 CFM
High Airflow Model	340.00 CFM
Pressure	12.00 Pa
Mechanical Notes	CFM under 2 Pa is extrapolated from the chart
Dimensions	
Thickness	1 3/8"
Height	80"
Width	36"
Trim Width	3"
Trim Projection Ext	1"
Trim Projection Int	1"

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