

BRANZFIRE 2009.3 AUTOMATIC OPENING OF WALL VENTS

Vents can be automatically opened based on the operation of a smoke detector, heat detector, sprinkler or based on a fire size criterion.

Building / Room Specification

Dimensions | Wall Vents | Ceiling Vents | Wall Material | Ceiling Material | Floor Material

Connecting rooms: 1 and 2

Vent Width (m): 1.000

Vent Height (m): 2.500

Vent Sill Height (m): 3.000

Vent Opening Time (sec): 0.0

Vent Closing Time (sec): 0.0

Vent #: Vent 1

Buttons: Add Vent, Delete Vent, Spill Plume Options, Vent - Glass Properties, Room-Vent Geometry, Vent Opening Options, OK

To set automatic vent opening options, for current vent

Vent Opening Options

Auto Opening Trigger

Smoke Detector in Room 1

Thermal Detector or Sprinkler

Fire Size (kW) 500

Enable Automatic Opening Options for this Vent

Time Vent Opens After Trigger: 60 sec

Duration Vent is Open: 10 sec

Buttons: Save Settings

If not checked, the manually set vent open and close times will be used

Fire size in the room of fire origin, smoke detector activation or thermal/sprinkler activation can be used as a basis for opening the vent. Whichever trigger is reached first will govern.

Enter the delay until the vent actually opens and the duration the vent is to remain open.