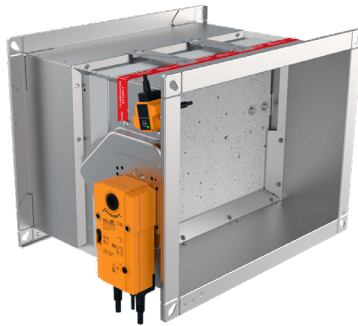




## REVIT MANUAL

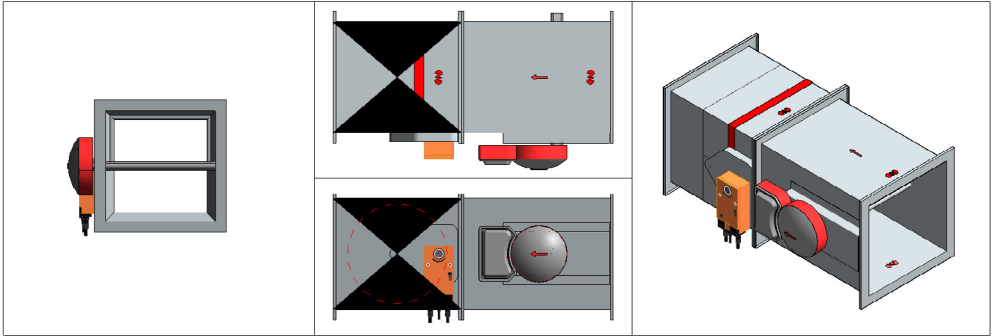
Fire damper with smoke sensor

**FD25 | FD40**



**SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS**

## SUMMARISED MANUAL REVIT BIM-MODELS SOLID AIR



Text	
SACS_Warning_Text_Other	
SACS_Warning_Text_Flow	
SACS_Warning_Text_Size	
Dimensions	
NLRS_M_c01_breedte	300.0
NLRS_M_c01_hoogte	300.0
NLRS_C_lengte	765.0
SACS_Duct_Width	300.0
SACS_Duct_Height	300.0
Size	300 x 300 - 300 x 300
Mechanical - Flow	
NLRS_M_c01_debiet	700.0000 m³/h
NLRS_M_c01_drukverlies_statisch	1.00 Pa
SACS_Air_Velocity	2.16 m/s
SACS_Lp_dBA	22
SACS_Nominal_Min_Flow	648.0000 m³/h
SACS_Nominal_Max_Flow	3240.0000 m³/h
SACS_Use_Manual_Airflow	<input checked="" type="checkbox"/>
SACS_Manual_Airflow	700.0000 m³/h
Pressure Drop	1.00 Pa
Identity Data	
NLRS_C_model	FD25 MF2 M24S UG 300 x 300
SACS_Article_Code	NB
SACS_Gross_Cost	0.00
SACS_Price_Date	0
Sacs_Type_Mark	

Warnings when outcomes are outside the given threshold values.

Nominal width duct.

Nominal height duct.

Length of the fire damper.

Corrected available width damper.

Corrected available height damper.

Air flow\*.

Static pressure loss at airflow.

Air velocity with flow.

Sound power level at airflow.

Enter flow manually.

Manual flow.

Article name selected damper.

Order number\*\*.

Gross price\*\*.

Validity date price.

Model Properties	
<b>Attached Smokesensor (standard)</b>	<input checked="" type="checkbox"/>
SACS_Option_1	MF2 = installatieframe 2
SACS_Option_2	M24S = Belimo 24V
SACS_Option_3	O = Geen Accessoire
<b>SACS_Belimo_Rotation (1-2)</b>	1
Visibility	
<b>SACS_Disable_Warning</b>	<input type="checkbox"/>
<b>Show_recommended_placement...</b>	<input checked="" type="checkbox"/>

Sensor attached to damper\*\*\*.

Frame version.

Operating version.

Smoke sensor accessory.

Rotation of motor operation (if applicable).

Hide warning on model.

Show required length for the smoke sensor.

## Notes

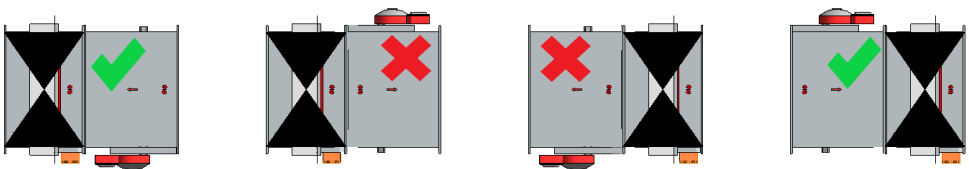
\*The air volume that forms the basis for the duct calculations can be entered manually or it can be determined by the system (default). When an air volume has been entered manually, this does not impact the air volumes that Revit calculates further on in the duct system.

\*\*The order number is only given when it concerns a standard product.

\*\*\*The smoke sensor is supplied fitted to the fire damper. However, it may be the case that there is not enough room to fit the combination or there may not really be sufficient room to maintain the correct length for the sensor. In that case, the sensor can be disassembled and fitted elsewhere in the system. The order code remains the same, and the individual model for the sensor must be used for fitting the sensor in the model. The sensor CANNOT be ordered individually.

## Design guidelines for fitting

Beware of the air direction. The smoke sensor may NOT be turned around. Air should pass the smoke sensor first and then the fire damper. However, it is permitted to fit the sensor on the other side of the fire damper, provided the aforementioned continues to apply. Therefore, pay attention to the air direction marked on the sensor part.



Before the smoke sensor, there should be a straight free air flow of 5x the hydraulic diameter. If the smoke sensor is not fitted directly on the fire damper, there should also be a straight free outflow of 3x the hydraulic diameter.

## Accessories

The options that are available for the FD25 and FD40 with smoke sensor, are also available in this model.



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