



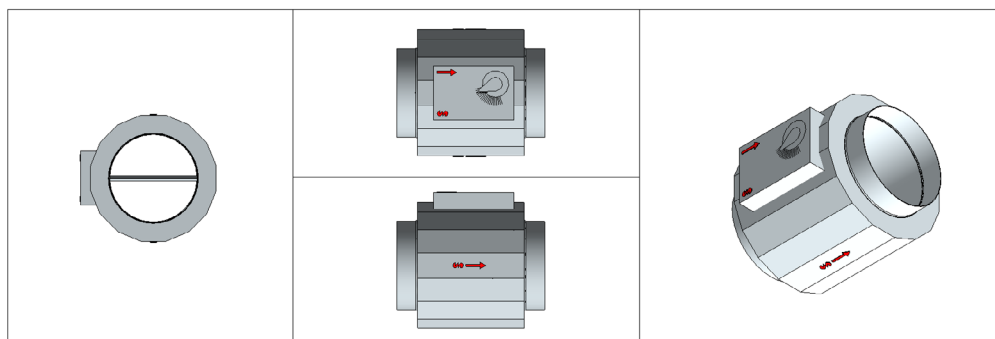
REVIT MANUAL

Volume unit
CAV VCMH



SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS

SUMMARISED MANUAL REVIT BIM-MODELS SOLID AIR



Text	
SACS_Warning_Text_Flow	Airflow below advised 4 m/s
SACS_Warning_Text_Ploss	
SACS_Warning_Text_Size	
Dimensions	
NLRS_M_c01_diameter	200.0
SACS_Duct_Used_Size	200.0
NLRS_C_lengte	249.0
External_Diameter_Double_Wall	290.0
Size	200 Ø - 200 Ø
Mechanical - Flow	
NLRS_M_c01_debiet	0.0000 m³/h
NLRS_M_c01_drukverlies_statisch	50.000000 Pa
SACS_Air_Velocity	0.00 m/s
Minimal required ▲P over damper	50.000000 Pa
Advised minimal air velocity	4.00 m/s
Identity Data	
NLRS_C_model	VCMHOA 200
SACS_Article_Code	9200000026
SACS_Gross_Cost	406.00
SACS_Price_Date	01-02-2022
SACS_Type_Mark	

Warnings when outcomes are outside the given threshold values.

Nominal duct diameter.

Corrected available damper size.

Operational length of the damper.

Diameter sleeve (for double-walled damper).

Air flow.

Static pressure loss at airflow over damper*.

Air velocity with volume.

Minimal required pressure loss over damper*.

Recommended minimum air velocity**.

Article name selected damper.

Order number.

Gross price.

Validity date price.

Model Properties	
Control type (0-2)	0
SACS_Option_1	Manual
SACS_Option_2	Double wall
Visibility	
SACS_Disable_Warning	☐
Show_recommended_placemen...	☒

Choice of operation.

Selected operation.

Single-wall or double-wall version selected.

Hide warning on model.

Show positioning requirement.

Notes

*The pressure loss has to be entered manually. It must be at least the pressure loss of the system AFTER the damper, AND must be at least 50 Pa. The value that is entered here is included in the pressure-loss calculation of Revit to calculate the required static pressure at the fan.

**For a correct operation within the specified 5-10 % deviation, a minimum air velocity of 4 m/s is recommended. With a lower air velocity it may be required to fine-tune the damper.

The sound production depends on the pressure loss over the damper and the air volume. We refer to the documentation on our website: <https://solid-air.com/pcategorie/volumeunits/>



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