



REVIT MANUAL

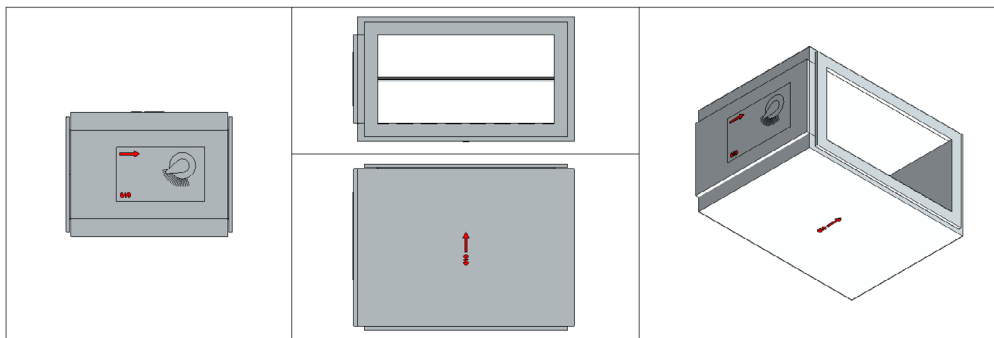
Volume unit

CAV VCMR



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_breedte **400.0**

SACS_Duct_Width 400.0

NLRS_M_c01_hoogte **200.0**

SACS_Duct_Height 200.0

NLRS_C_lengte 375.0

Size 400 x 200 - 400 x 200

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 VCMROD 400 x 200

SACS_Article_Code 9200000066

SACS_Gross_Cost 420.00

SACS_Price_Date 01-02-2022

SACS_Type_Mark

Warnings when outcomes are outside the given threshold values.

Nominal width duct.

Corrected available damper width.

Nominal height duct.

Corrected available damper height.

Operating length of the damper.

Air flow.

Static pressure loss at airflow over damper*.

Air velocity with flow.

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 (with an air velocity up to 8 m/s). 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 5-15 % 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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