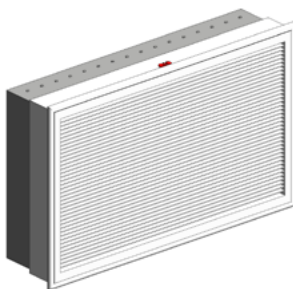




REVIT MANUAL

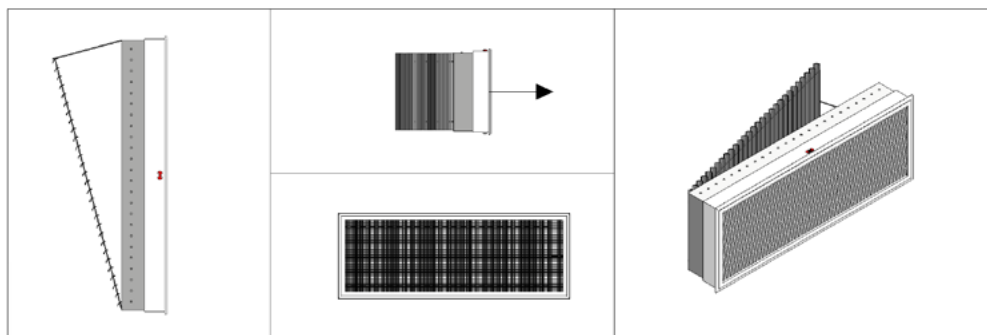
Wall diffuser

WTHB



SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS

SUMMARISED MANUAL REVIT BIM-MODELS SOLID AIR



Text	
SACS_Warning_Text_Flow	
SACS_Warning_Text_Ploss	
SACS_Warning_Text_Size	
SACS_Warning_Text_Sound	
SACS_Warning_Text_Other	
Materials and Finishes	
SACS_Color	RAL 9010-55
SACS_Face_Color	NLRS_57 ral9010-55_gen_sacs
Dimensions	
SACS_Width	625.0
SACS_Height	225.0
NLRS_M_c01_breedte	625.0
NLRS_M_c01_hoogte	225.0
SACS_Allow_custom_size	☐
SACS_Size_check	Standard Size
Mechanical	
SACS_Primary_Air_Temperature	16.00 °C
SACS_Room_Temperature	25.00 °C
SACS_Max_Lp_dBA	28
SACS_Max_Ploss	15.000000 Pa
SACS_Cooling_Capacity	3020.00 W
SACS_Heating_Capacity	0.00 W

Warnings when outcomes are outside the given threshold values.

Used color for diffuser.
Material to apply colour to*.

Requested width of the grid.
Requested height of the grate.
Nominal width of the penthouse louver.
Nominal length of the penthouse louver.
Allow non-standard diffuser size.
Is the entered size valid and standard?

Design temperature air.
Design temperature in room.
Maximum desired sound output.
Maximum allowed pressure loss.
Cooling capacity of selection.
Heating capacity of selection.

Mechanical - Flow	
NLRS_M_c01_debiet	1000.0000 m³/h
NLRS_M_c01_drukverlies_statisch	4.000000 Pa
SACS_Lp_DbA	13
SACS_Throw	8978.0
SACS_Min_Flow	720.0000 m³/h
SACS_Max_Flow	1800.0000 m³/h
Identity Data	
NLRS_C_model	WTHBBO 625 x 225
NLRS_C_materiaal_kleur	RAL 9010-55
NLRS_C_artikel_code	8301000750
NLRS_C_gtin_code	8720238022668
SACS_Gross_Cost	375.00
SACS_Price_Date	01-07-2026
SACS_Type_Mark	
SA_Select	https://saselect.solid.air.nl/wa...
Model Properties	
SACS_Option_1	WTHB (Flange 6.5 mm)
SACS_Option_2	B (Damper and deflector)
Flow Pattern (1-4)	1
SACS_Option_3	0 (Straight, standard)
Color Option (0-4)	0
SACS_Option_5	RAL 9010-55
SACS_Custom_Color	
Visibility	
SACS_Show_Arrows	☒
SACS_Show_Throw	☒
SACS_Warning_Disabled	☐

Air flow.

Static pressure loss at airflow**.

Sound power level at airflow**.

Throw selected volume**.

Advised minimum flow.

Advised maximum flow.

Article name selected diffuser.

Used color.

Order number***.

GTIN number***.

Gross prices diffuser***.

Validity date price.

Base code diffuser.

Type volume regelaar.

Selection air pattern.

Selected air pattern.

Selection color type.

Selected color type.

Used custom color (text)*.

Show air arrows.

Show throw.

Hide warning on model.

Notes

* When a different color is desired for the diffuser, the view of the model can be given a different color here.

** For the sound pressure, the assumed room attenuation is 10 dB. The values are only shown for wall grilles within the preferred area. If using a standard size is not possible, the value can be determined manually through interpolation. However, the advice is always to get in touch with one of our consultants.

*** The order number is only given when it concerns a standard product with a standard color. In terms of the price, the color-change surcharge is not included in the gross price. The price of the color itself is included in the price.

Color option (0-4)

0	Standard RAL 9010-55
1	Standard RAL 9016-30
2	Standard RAL 9010-70
3	Non-standard colour, RAL
4	Non-standard colour, not RAL

NB: a colour-change surcharge applies per delivery and per colour for using RAL 9016-30 and non-standard colours!

Flow Pattern (1-4)

1	Recht uitblazend (standaard)
2	Links uitblazend
3	Rechts uitblazend
4	Gespreid uitblazend

Design guidelines for fitting

Place wall diffusers symmetrically in the space and don't blow supply air towards the exterior wall but towards the interior zone. Avoid obstacles on the ceiling within the throw area that would disturb the air pattern.

The WTH diffuser is normally suitable to be installed up to 30 cm (top of the diffuser) below the ceiling. If the inner part is rotated during installation, the diffuser is suitable for a distance of 30-60 cm below the ceiling without the throw being noticeably affected.

The sizes 222x225, 325x225, 325x325, 425x325, and 525x325 are available within the standard delivery program, but they fall outside the preferred usage. There is no selection data available for these.



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