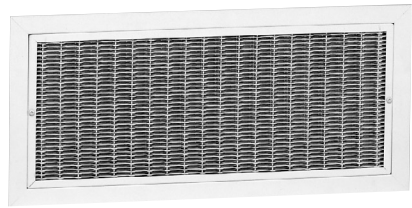
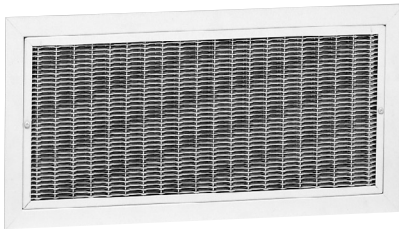




REVIT MANUAL

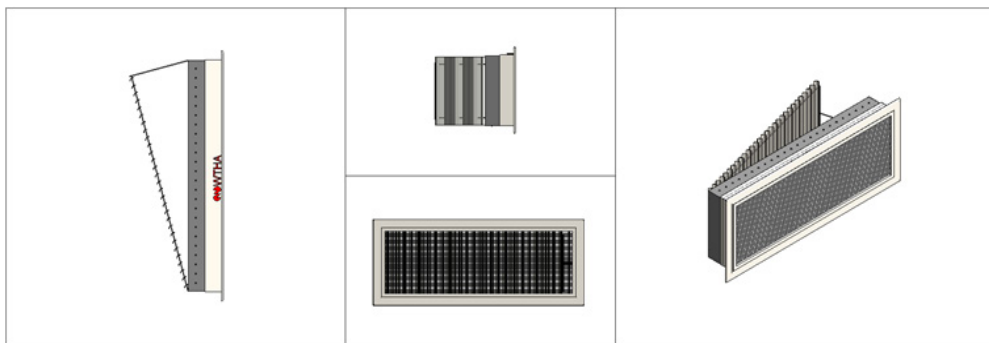
Wall diffuser

WTHA/WTHB/WRHA/WRHB



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	

Warnings when outcomes are outside the given threshold values.

Materials and Finishes

SACS_Color	RAL 9010 (standard)
SACS_Face_Color	NLRS_57 ral9010_gen_sacs

Used color for diffuser.
Material to apply color to.

Dimensions

SACS_Width	625.0
SACS_Height	225.0
NLRS_M_c01_breedte	625.0
NLRS_M_c01_hoogte	225.0
SACS_Size_check	
Size	625 x 225

Nominal width of the penthouse louvre.
Nominal length of the penthouse louvre.

Is the entered size valid and standard?

Mechanical

SACS_Primary_Air_Temperature	16.00 °C
SACS_Room_Temperature	25.00 °C
SACS_Max_Lp_dBA	28
SACS_Max_Ploss	35.00 Pa
SACS_Cooling_Capacity	6041.00 W
SACS_Heating_Capacity	0.00 W
System Classification	Supply Air
System Type	Undefined
System Name	
System Abbreviation	

Design temperature air*.
Design temperature in room*.
Maximum allowed static pressure loss.
Maximum allowed pressure loss.
Cooling capacity of selection*.
Heating capacity of selection**.

Mechanical - Flow	
NLRS_M_c01_debiet	2000.0000 m³/h
SACS_Nominal_Min_Flow	720.0000 m³/h
SACS_Nominal_Max_Flow	1800.0000 m³/h
NLRS_M_c01_drukverlies_statisch	19.00 Pa
SACS_Lp_DbA	31
SACS_Throw	18076.0
Identity Data	
NLRS_C_model	WTHABO 625 x 225
NLRS_C_description	Solid Air wall diffuser WTHA (su...
NLRS_C_materiaal_kleur	RAL 9010 (standard)
SACS_Article_Code	8301000625
SACS_Gross_Cost	304.00
SACS_Price_Date	1-4-2021
SACS_Type_Mark	
Model Properties	
SACS_Option_1	Flange 25 mm
SACS_Option_2	Damper and deflectrol
Flow Pattern (1-4)	1
SACS_Option_3	Straight (standard)
Color Option (1-3)	1
SACS_Standard_Color	☒
SACS_Color_Ral	☒
SACS_Custom_Color	
SACS_Damper_open_%	100
Visibility	
SACS_Show_Arrow	☐
SACS_Warning_Disabled	☐

Air flow**.

Lower threshold application range volume**.

Upper threshold application range volume**.

Static pressure loss at airflow**.

Sound power level at airflow**.

Throw selected volume*.

Article name selected diffuser.

Used color.

Order number***.

Gross price***.

Validity date price.

Selected air pattern*.

Use default color (if checked).

Version in custom RAL color.

Used custom colour.

Damper position.

Show air pattern and arrows*.

Hide warning on model.

Notes

*These values are only available for a supply diffuser.

**The assumed room attenuation for the sound pressure is 10 dB. The values are only shown for wall diffusers in the preferred range. For the throw, a value outside the nominal range is shown, but as the deviation increases the reliability reduces. For the design we recommend always using a standard size. When the use of a standard size is not possible, the value may be determined manually with interpolation. However, in that case we recommend you always contact one of our advisers.

***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. Apart from RAL 9010, RAL 9016 is also available without extra costs.

Design guidelines for fitting

Position the wall diffusers symmetrically in the room and do not blow supply air towards the external wall but towards the internal area. Prevent obstacles on the ceiling in the throw area that may disrupt the throw pattern.

The WTH diffuser is suitable for fitting up to 30 cm (top of diffuser) below the ceiling. When the internal unit is turned during fitting, the diffuser is suitable for a distance of 30-60 cm below the ceiling without a measurable impact on the throw belongs to the next size up.

The sizes 222x225, 325x225, 325x325, 425x325 and 525x325 mm are available in the standard delivery programme but fall outside the preferred range. Selection data are not available for these.

Accessories

For static situations and up to a size of 625x325 mm, an optional separate click frame (WOOOKO) is available. At the moment, there is no model available for that.



Solid Air International

A. PO Box 14, 9610 AA Sappemeer

T. +31 598 36 12 21

E. contact@solid-air.com

W. www.solid-air.com