



REVIT MANUAL

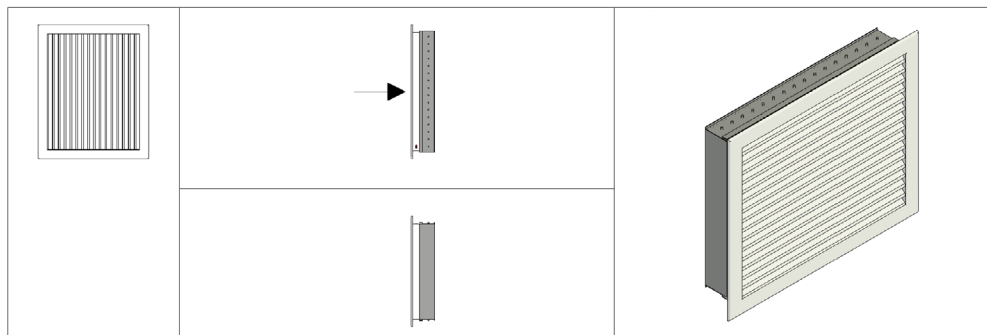
Wall and transfer diffuser

WDVC



SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS

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Text	
SACS_Warning_Text_Flow	
SACS_Warning_Text_Ploss	
SACS_Warning_Text_Sound	
SACS_Warning_Text_Size	
SACS_Warning_Text_Other	
Materials and Finishes	
SACS_Color	RAL 9010-55
SACS_Face_Color	NLRS_57_ral9010-55_gen_sacs
Dimensions	
SACS_Width	425.0
SACS_Height	325.0
SACS_Wall_Thickness	40.0
NLRS_M_c01_breedte	425.0
NLRS_M_c01_hoogte	325.0
SACS_Recess_Width	421.0
SACS_Recess_Height	321.0
Mechanical	
SACS_Max_Ploss	15.000000 Pa
SACS_Max_Lp_dBA	28
Mechanical - Flow	
NLRS_M_c01_debiet	400.0000 m³/h
NLRS_M_c01_drukverlies_statisch	7.000000 Pa
SACS_Lp_DbA	19
SACS_Min_Flow	450.0000 m³/h
SACS_Max_Flow	1080.0000 m³/h

Warnings when outcomes are outside the given threshold values.

Enter colour.

Material colour for model*.

Entered diffuser width.

Entered diffuser height.

Entered door/wall thickness.

Available diffuser width**.

Available diffuser height**.

Width required recess**.

Height required recess**.

Required maximum noise.

Required maximum pressure loss.

Entered air volume.

Pressure loss with entered flow**.

Noise with entered volume (room attenuation: 10dB)**.

Recommended minimum volume**.

Recommended maximum volume**.

Identity Data	
NLRS_C_model	WDVCVO 425x325
NLRS_C_materiaal_kleur	RAL 9010-55
SACS_Article_Code	8301000395
NLRS_C_gtin_code	8720238020138
SACS_Gross_Cost	206.00
SACS_Price_Date	01-02-2024
SACS_Type_Mark	
Model Properties	
SA-Select	https://selectietool.solid-air...
SACS_Option_1	WDVC
SACS_Option_2	VO = Volume damper
Colour option (0-4)	0
SACS_Option_3	RAL 9010-55
SACS_Custom_Color	
Visibility	
SACS_Show_Symbol	☐
SACS_Show_Recess	☐
SACS_Arrow_Enabled	☒
SACS_Flip_Arrow	☐
SACS_Warning_Disable	☒

Article name available diffuser***.

Entered diffuser colour.

Solid Air article number***.

GTIN number (if available).

Gross price available diffuser.

Validity date price.

Basic code diffuser.

With or without volume unit.

Select colour type.

Selected colour type.

Colour if it is a non-standard colour.

Show diffuser symbol.

Show recess size.

Show air arrows.

Mirror the arrow for the air direction.

Hide the warning on the model.

There are two models available for the WDCV diffuser.

- NLRS_57_AIR_UN_wall-overflow-grill-wdvc_LT_sacs.rfa: For overflow (does not have a connector).

- NLRS_57_AIR_UN_wall-return-grill-wdvc_LT_sacs.rfa: For connection or extraction duct (does have a connector).

If the diffuser is used with an extraction duct, the recess size is the internal dimension of the duct!

Dimensions	
SACS_Width	450.0
SACS_Height	325.0
SACS_Recess_Width	450.0
SACS_Recess_Height	325.0
NLRS_M_c01_breedte	446.0
NLRS_M_c01_hoogte	321.0

Entered diffuser width.

Entered diffuser height.

Available diffuser width**.

Available diffuser height**.

Width connection duct (internal)**.

Height connection duct (internal)**.

Notes

*If a different colour is required for the diffuser, the view of the model can be given a different colour.

** Minimum size is 200x65 mm, maximum size is 1225x625 mm. Interim widths are in increments of 5 mm, heights in increments of 20 mm. The values for pressure loss, noise, minimum and maximum volume are determined by interpolating between the standard sizes. NB: the minimum required recess size for the version with a volume unit is different from the required recess size for the version without a volume unit.

*** Due to the large number of possible configurations, the full article name is only shown for the width models in increments of 25 mm; they are the increments where the optional control damper spans the entire diffuser. For the other versions, "WDVCOO WxH" and "WDVCVO WxH" are used. Article numbers are only available for versions that already exist in our ERP.

Possible configurations

Colour 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!



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