



REVIT MANUAL

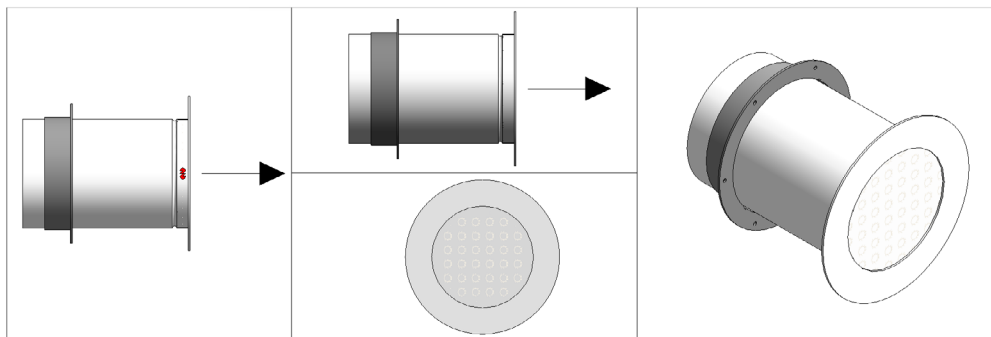
Vandal-proof wall diffuser

WTRP



SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS

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Constraints	
Add_Fitting_Coupler	☐
Text	
SACS_Warning_Text_Flow	
SACS_Warning_Text_Ploss	
SACS_Warning_Text_Sound	
SACS_Warning_Text_Other	
Materials and Finishes	
SACS_Color	RAL 9010-55
SACS_Custom_Color_1	NLRS_57 ral9010-55_gen_sacs
SACS_Custom_Color_2	NLRS_57 ral9010-55_gen_sacs_p...
Dimensions	
NLRS_M_c01_diameter	200.0
SACS_Wall_Thickness	210.0
Mechanical	
SACS_Cooling_Capacity	302.00 W
SACS_Heating_Capacity	0.00 W
SACS_Max_Ploss	40.000000 Pa
SACS_Max_Lp_dBA	28
SACS_Primary_Air_Temperature	16.00 °C
SACS_Room_Temperature	25.00 °C
Mechanical - Flow	
NLRS_M_c01_debiet	100.0000 m³/h
NLRS_M_c01_drukverlies_statisch	17.000000 Pa
SACS_Lp_DbA	13
SACS_Throw	3724.4
SACS_Min_Flow	54.0000 m³/h
SACS_Max_Flow	216.0000 m³/h

Add a coupling coupler to place an attachment.

Warnings when outcomes are outside the given threshold values.

Enter colour for diffuser.

Enter custom color (material)*.

Enter for custom color perforated part (material)*.

Nominal connection size diffuser.

Thickness of the wall in which the diffuser is installed.

Cooling capacity of selection.

Heating capacity of selection.

Maximum allowed static pressure loss.

Maximum allowed sound production.

Design temperature air.

Design temperature in room.

Air flow.

Static pressure loss at airflow.

Sound power level at airflow**.

Throw for selected airflow**.

Lower threshold application range volume.

Upper threshold application range volume.

Identity Data	
NLRS_C_model	WTRPKS 200 RAL 9010-55
NLRS_C_materiaal_kleur	RAL 9010-55
SACS_Article_Code	8400000005
NLRS_C_gtin_code	8720238028028
SACS_Gross_Cost	302.00
SACS_Price_Date	01-04-2025
SACS_Type_Mark	
Model Properties	
SACS_Option_1	WTRP
Clamp	☒
SACS_Option_2	K = with clamp ring
SACS_Option_3	S = with 300 mm pipe section
Color option (0-4)	0
SACS_Option_5	RAL 9010-55
SACS_Custom_Color	
Visibility	
SACS_Show_Arrows	☒
SACS_Show_Throw	☒
SACS_Warning_Disable	☐

Article name selected diffuser.

Used color.

Order number***.

GTIN number***.

Gross price***.

Validity date price.

Base code diffuser.

Add clamp.

Selected version.

Pipe section 300 mm.

Selection color type.

Selected color type.

Used custom color (text)*.

Show air arrows.

Show throw.

Hide warning on model.

Notes

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

** The assumed room attenuation for the sound pressure is 10 dB.

Values for throw, sound and pressure loss are based on a straight discharge pattern.

*** Article numbers are only given when it concerns a product that was available in our ERP on the version date.

GTIN numbers are only available for standard products.

Possible configurations

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!

Notes on installing the wall diffuser.

The connection diameter of the diffuser is the same as the attachment. If an attachment is to be placed directly on the diffuser, a fitting coupler must first be installed. The length of the clamp ring is 50 mm. Please note that outside the wall, extra length is needed to make a connection. When using the clamp ring, a wall thickness of up to 220 mm is recommended. Without a clamp ring this is 270 mm, minus the length of the vandal-proof mounting other than the clamp ring would take up.



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