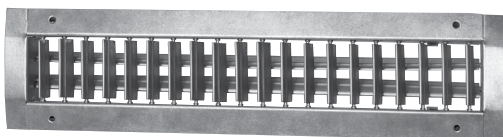




REVIT MANUAL

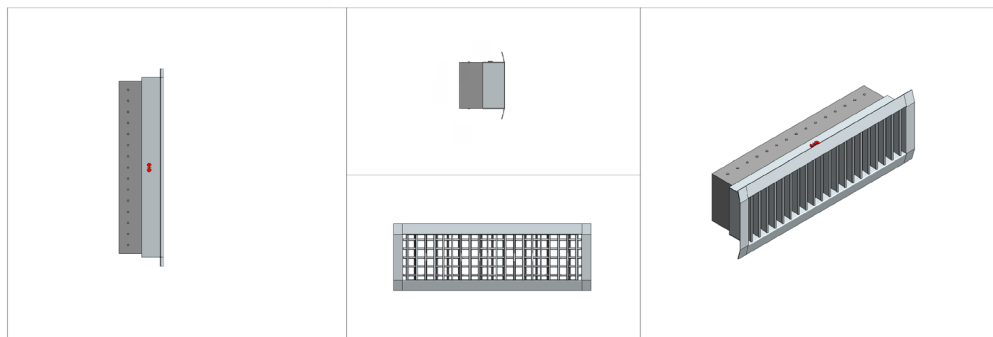
Wall diffuser

WUCK



SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS

SUMMARISED MANUAL REVIT BIM-MODELS SOLID AIR



Text	
SACS_Warning_Text_Flow	Airflow over or below advised...
SACS_Warning_Text_Other	
SACS_Warning_Text_Ploss	
SACS_Warning_Text_Sound	
Materials and Finishes	
SACS_Color	Sendzimir verzinkt (standard)
SACS_Face_Color	NLRS_57_sendzimir verzinkt...
SACS_Material_VCD	Extruded Aluminium
Dimensions	
NLRS_M_c01_breedte	415.0
SACS_M_c01_hoogte	115.0
SACS_M_c01_diameter	200.0
Minimum diameter	Ø 300
Maximum diameter	Ø 900
Size	415 x 115
Mechanical	
SACS_Primary_Air_Temperat...	16.00 °C
SACS_Room_Temperature	25.00 °C
SACS_Max_Lp_dBA	28
SACS_Max_Ploss	15.000000 Pa
SACS_Heating_Capacity	0.00 W
SACS_Cooling_Capacity	604.00 W
Mechanical - Flow	
NLRS_M_c01_debiet	200.0000 m³/h
NLRS_M_c01_drukverlies_statisch	7.000000 Pa
SACS_Lp_DbA	19
SACS_Throw	3201.0

Warnings when outcomes are outside the given threshold values.

Used color for diffuser.
Material to apply colour to.

Nominal width of the penthouse louvre.
Nominal height of the penthouse louvre.
Diameter round duct (optional).

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

Air flow**.
Static pressure loss at airflow**.
Sound power level at airflow**.
Throw selected volume*.

Identity Data	
NLRS_C_description	Grill for round duct, type WU...
NLRS_C_model	WUCKOO 415 x 115
NLRS_C_materiaal_kleur	Sendzimir verzinkt (standard)
SACS_Article_Code	8300000033
SACS_Gross_Cost	42.00
SACS_Price_Date	01-02-2022
Model Properties	
SACS_Option_1	WUCK
SACS_Option_2	VO (Volume damper)
Flow Option	Straight (standard)
Volume Damper	☒
Flow Pattern (1-4)	1
Color Option (1-3)	1
Color Option	None
SACS_Standard_Color	☒
SACS_Color_Ral	☒
SACS_Costum_Color	
Rotatie (-45 tot 45)	0.00*
Visibility	
SACS_Arrow_and_Throw_Enabled	☒
SACS_Throw_Visible	☒
SACS_Warning_Disable	☐

Article name selected diffuser.

Used color.

Order number***.

Gross price***.

Validity date price.

Selected air pattern*.

Use default color (if checked).

Version in RAL color.

Used custom color.

Diffuser angle on duct.

Show pattern and arrows.

Show air pattern*.

Hide warning on model.

Notes

*These values are only available for a supply diffuser.

**The selection data apply for an air velocity of 4 m/s in the round air duct. With air velocities of 3 m/s and 5 m/s, the sound pressure must be corrected with -3 dB and +5 dB, respectively and the pressure loss with -4 Pa and +8 Pa, respectively.

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

The values for sound and pressure loss are based on a fully opened volume unit.

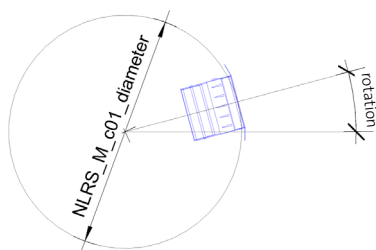
***The order number is only given when it concerns a standard product with a standard color. In terms of the price, the color-change surcharge is not included in the gross price. The price of the color itself is included in the price.

Design guidelines for fitting

Position the diffuser with "Air Terminal on Duct"

Prevent obstacles on the ceiling in the throw area that may disrupt the throw pattern.

When the supply diffuser is positioned up to 30 cm (top of diffuser) below the ceiling, it is recommended to set the pattern 5 degrees up with the vanes of the diffuser. With a greater distance, the supply angle must be adjusted to the ceiling. The displayed throw for the model is indicative for standard fitting.



The diffuser can be fitted on the duct at an angle, if directing the supply air cannot be achieved adequately with the adjustable vanes of the diffuser.

As Revit cannot pass on the diameter of the duct on which the diffuser is connected, the diameter must be entered manually to locate the rotation point in the centre of the duct. Subsequently, the diffuser can be positioned from 45 degrees up (+45) to 45 degrees down (-45).



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