



REVIT MANUAL

Supply damper

RTSV



SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS

SUMMARISED MANUAL REVIT BIM-MODELS SOLID AIR



Text	
SACS_Warning_Text_Other	
SACS_Warning_Text_Flow	
SACS_Warning_Text_Ploss	
SACS_Warning_Text_Sound	
Materials and Finishes	
SACS_Color	RAL 9010
SACS_Face_Color	RAL 9010
Dimensions	
SACS_M_c01_diameter	160.0
Size	160 Ø
Mechanical	
SACS_Max_Ploss	40.000000 Pa
SACS_Max_Lp_dBA	30
SACS_Primary_Air_Temperature	15.00 °C
SACS_Room_Temperature	25.00 °C
SACS_Heating_Capacity	0.00 W
SACS_Cooling_Capacity	671.00 W
Mechanical - Flow	
NLRS_M_c01_debiet	200.0000 m³/h
NLRS_M_c01_drukverlies_statisch	38.100000 Pa
SACS_Lp_DbA	29
SACS_Throw	3140.0

Warnings when outcomes are outside the given threshold values.

Used color for diffuser.
Material to apply color to.

Nominal connection size diffuser.

Maximum allowed static pressure loss.
Maximum allowed sound production.
Design room temperature.
Design air temperature.
Heating capacity with volume**.
Cooling capacity with volume**.

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

Identity Data	
NLRS_C_model	RTSVMO 160
NLRS_C_materiaal_kleur	RAL 9010
SACS_Article_Code	8250000020
SACS_Gross_Cost	16.00
SACS_Price_Date	01-02-2022
SACS_Type_Mark	
Model Properties	
SACS_Option_1	RTSVMO
SACS_Mounting_Ring	<input type="checkbox"/>
Conus min setting	-10
Conus max setting	15
Conus setting	15
SACS_Standard_Color	<input checked="" type="checkbox"/>
SACS_Color_Ral	<input type="checkbox"/>
SACS_Costum_Color	
Visibility	
SACS_Arrow_and_Throw_Enabled	<input checked="" type="checkbox"/>
SACS_Show_Throw	<input checked="" type="checkbox"/>
SACS_Warning_Disable	<input type="checkbox"/>

Article name selected diffuser.

Used color.

Order number***.

Gross price***.

Validity date price.

With or without mounting ring.

Select mounting ring.

Max turned in cone height (mm).

Max turned out cone height (mm).

Cone height setting.

Use default color (if checked).

Version in custom RAL color.

Used costum color .

Show arrows and throw.

Show throw.

Hide warning on model.

Notes

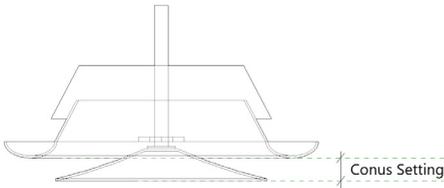
**The assumed room attenuation for the sound pressure is 10 dB. Throw with given temperatures and cone setting.

***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

The supply damper can only be fitted in the ceiling. If it is used in a wall set-up, the throw is no longer valid and there is a risk of experiencing draft, as part of the air will be blown in downwards instead of along the ceiling. Therefore, there is no wall-fitting model available.

The sound pressure and the pressure loss are determined by the turning of the cone. See the minimum and maximum values.



Turning the cone is generally used to set the air volume. However, it is recommend to carry out the larger part of the setting with a control damper and to use turning the cone for fine-tuning, also because the cone setting affects the throw.



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