



REVIT MANUAL

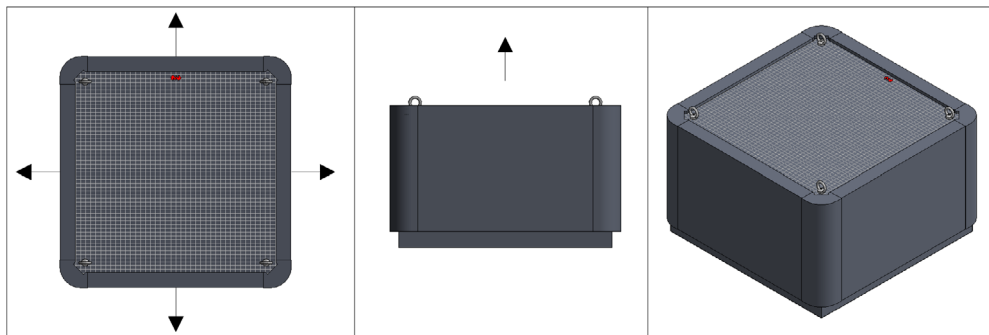
Design penthouse louvre

BDVN



SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS

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Text		
SACS_Warning_Text_Size		Warnings when outcomes are outside the given threshold values.
SACS_Warning_Text_Other		
Materials and Finishes		
SACS_Color	RAL 7015-70	Enter diffuser colour.
SACS_Face_Color	NLRS_57_ral7015-70_gen_sacs	Enter custom colour (material)*.
SACS_Face_Color2	NLRS_57_ral7015-70gaas_gen_sacs	Enter custom colour for the mesh (material)*.
Dimensions		
SACS_Width	600.0	Nominal width of the connecting duct.
SACS_Length	600.0	Nominal height of the connecting duct.
NLRS_M_c01_breedte	600.0	Corrected available width connecting duct (increments of 50 mm).
NLRS_M_c01_hoogte	600.0	Corrected available height connecting duct (increments of 50 mm).
NLRS_C_breedte	940.0	Total width penthouse louver.
NLRS_C_lengte	940.0	Total length penthouse louver.
NLRS_C_hoogte	505.0	Height of the penthouse louver, measured from the upstand.
Size	600 x 600	
Mechanical Flow		
NLRS_M_c01_debiet	4000.0000 m³/h	Design air volume discharge.
NLRS_M_c01_drukverlies_statistisch	0.000000 Pa	Pressure loss selected flow**.

Identity Data		
NLRS_C_model	BDVNGO 60x60x505 RAL7015-70	Article name selected diffuser.
NLRS_C_materiaal_kleur	RAL 7015-70	Entered colour.
SACS_Article_Code	8651002082	Order number***.
NLRS_C_gin_code	NB	GTIN number***.
SACS_Gross_Cost	2770.00	Gross price diffuser***.
SACS_Price_Date	10-07-2025	Validity date price.
SACS_Type_Mark		
Model Properties		
SACS_Option_1	BDVN	Basic code diffuser.
SACS_Option_2	G = Aluminium gaas (standaard)	Mesh type (cannot be amended).
SACS_Option_3	O = Niet van toepassing	Supply mounting strips (selection under Type).
SACS_Standard_Color	☒	Available in standard colour*.
SACS_Custom_Color		Enter custom colour (text)*.
Visibility		
SACS_Show_Arrows	☒	Show air arrows.
SACS_Disable_Warning	☒	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. In that case remove the tick from “SACS_Standard_Color” to obtain the correct article code!

“SACS_Face_Color” and “SACS_Face_Color2” are only intended to amend the display colour of the penthouse louvres, whereas SACS_Face_Color2” also displays the mesh. It is not possible to supply two different colours for the penthouse louvre!

**Calculations of the pressure loss are currently not available in the model. You can add them manually from the selection table in the documentation..

*** 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

The penthouse louvre is available for connection sizes (discharge duct) LxW from 600x600 to 1800x2400, in increments of 50 mm. Under Type, you can select BDVNGO or BDVNGB.

Design guidelines for fitting

Position the penthouse louvre on an upstand of at least 200 mm high. The upstand should always be higher than the maximum water level that can occur on the roof. See our documentation for the version of the upstand. We also supply aluminium upstands that have been designed specifically for the penthouse louvre as an insulated (BDOEAR) and uninsulated (BDOEAD) version.



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