



REVIT MANUAL

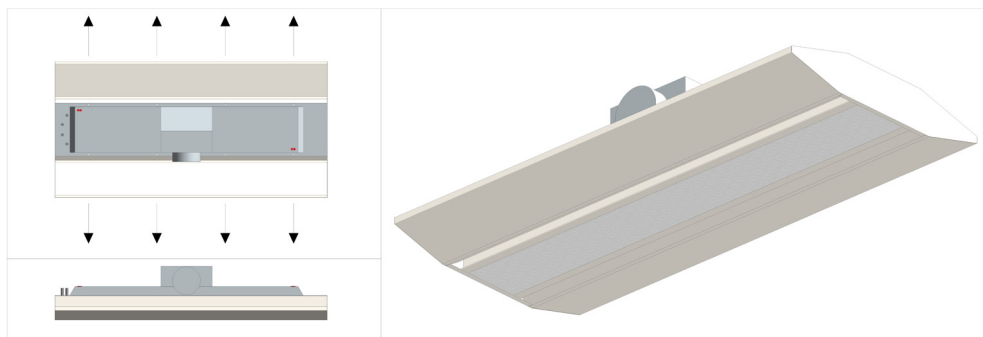
Chilled beam

OKNV 300/450



SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS

SUMMARISED MANUAL REVIT BIM-MODELS SOLID AIR



Materials and Finishes

SACS_Color	RAL 9010-55
SACS_Face_Color	RAL 9010 Perforated
SACS_Flange_Color	RAL 9010

Dimensions

NLRS_M_c01_diameter	125.0
Requested length	1195.0
SACS_Real_Length	1195.0
Ceiling length	1200.0
Ceiling width	600.0
Minimum length OKNV	1140.0
NLRS_P_c01_diameter	12.0
NLRS_P_c02_diameter	12.0
NLRS_P_c03_diameter	12.0
NLRS_P_c04_diameter	12.0
Size	125 Ø

Mechanical

NLRS_P_c01_volumestroom	0.00 L/s
NLRS_P_c03_volumestroom	0.00 L/s
NLRS_P_c01_drukverlies_statisch	0.000000 Pa
NLRS_P_c03_drukverlies_statisch	0.000000 Pa

Mechanical - Flow

NLRS_M_c01_debiet	0.0000 m³/h
NLRS_M_c01_drukverlies_statisch	0.000000 Pa

Used color.

Material color for model*.

Material color for model*.

Nominal connection size.

Net required length of the unit.

Corrected permitted length.

Nominal length.

Nominal width.

Shortest available length.

Warm-water supply diameter.

Warm-water return diameter.

Cold-water supply diameter.

Cold-water return diameter.

Heat water flow.

Cool water flow.

Sound power level at airflow**.

Sound power level at airflow**.

Air flow.

Sound power level at airflow**.

Identity Data	
NLRS_C_model	OKNV 300/1200 A1K2 LO31
NLRS_C_materiaal_kleur	RAL 9010-55
SACS_Article_Code	9011000605
SACS_Type_Mark	
Model Properties	
Extravent	☐
SACS_Option_1	Fixed
SACS_Option_2	A1
SACS_Option_3	K (cooling)
SACS_Option_4	2-sided
SACS_Connection_Side	L (left)
Nozzle plate type (1-7)	1
Heat exchanger type (1-3)	1
Flow configuration (1-3)	1
Plenum type (1-3)	2
SACS_Standard_Color	☒
SACS_Color_Ral	☒
SACS_Custom_Color	
SA-Select	https://selectietool.solid-air.nl
Visibility	
SACS_Show_Arrows	☒

Article name selected diffuser.

Used diffuser color.

Order number.

Choice of adjustable or fixed nozzles.

Selected basic version nozzles.

Selected nozzle version.

Selected heat exchanger.

Selected discharge pattern.

Selected plenum version.

Choice of nozzle version***.

Choice of heat exchanger***.

Choice of discharge pattern***.

Choice of plenum version***.

Use default color (if checked).

Version in custom RAL color.

Used costum color.

Internet link to selection programme.

Show air arrows.

Notes

*If a different color is required for the diffuser, the view of the model can be given a different color. SACS_Face_Color determines the color of the perforated part, SACS_Flange_Color determines the color of the remaining colored part. These colors CANNOT be different; they are only defined individually to make a distinction between the perforated and non-perforated part of the model.

**Pressure losses and sound data are not yet available in the model. The pressure losses are added manually. For the value to use and the selection of the OKNV, we refer to [SA-Select](#).

***If extravent has been selected, the choice does not have an impact and the nozzle version is always BD (model 300) or AD (model 450).

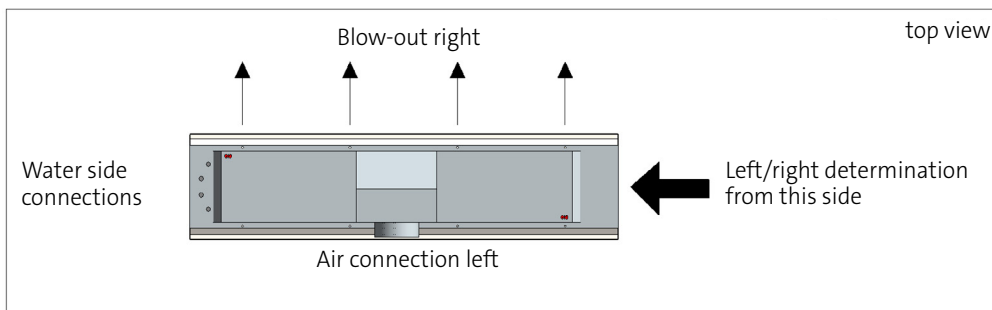
Values for “Nozzle plate type (1-7)”		
1: Fixed, nozzle type A1	3: Fixed, nozzle type B1	6: Fixed, nozzle type C1
2: Fixed, nozzle type A2	4: Fixed, nozzle type B2	7: Fixed, nozzle type C2
	5: Fixed, nozzle type B3	

Values for “Heat exchanger (1-3)”		
1: Cooling	2: Heating and Cooling	3: Dummy

Values for “Flow configuration (1-3)”		
1: 2-sided discharge pattern	2: 1-sided discharge to the left	2: 1-sided discharge to the right

Values for “plenum type (1-3)”		
1: Connection at the top	2: Connection on the left	3: Connection on the right

The position determination of the air and water-side connection uses the following definition:



Possible configurations

All available versions for T-bar ceilings are possible in this model. However, the complete product code is only generated for the standard versions as the model would become unworkable otherwise. For versions with a different length as the standard length (standard length = model - 5 mm), the product code is generated excluding the length. If a different colour has been set, the colour is also missing from the product code.

Examples of generated product codes:

OKNV 300/1500 BDK2 TO32 O1O 295x1495 RAL9010-55	(complete code, extravent)
OKNV 300/3000 BDV3 RO42 O1O 295x- RAL9010-55	(code different length, extravent)
OKNV 300/3000 A1V3 LO42 O1O 295x2995 -	(code different colour, fixed)
OKNV 450/1500 B2V2 TO31 O1O 395x- -	(code different length and colour, fixed)



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