



REVIT MANUAL

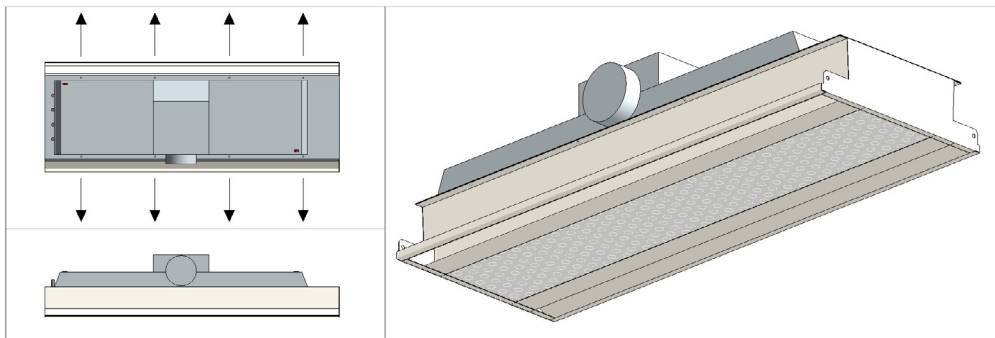
Chilled beam

OKNI 450



SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS

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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 raster length	1200.0
Ceiling raster width	300.0
Minimum length OKNI	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_drukverlies_stati...	0.000000 Pa
NLRS_P_c03_drukverlies_stati...	0.000000 Pa

Mechanical - Flow

NLRS_M_c01_debiet	150.0000 m³/h
NLRS_M_c01_drukverlies_stati...	0.000000 Pa
NLRS_P_c01_volumestroom	0.00 L/s
NLRS_P_c03_volumestroom	0.00 L/s

Used color.

Material color for model*.

Material color for model*.

Nominal connection size.

Net required length of the unit.

Available length unit.

Ceiling grid dimension in length.

Ceiling grid dimension in width.

Shortest available length.

Cold-water supply diameter.

Cold-water return diameter.

Warm-water supply diameter.

Warm-water return diameter.

Static pressure loss at airflow**.

Static pressure loss at airflow**.

Air flow.

Static pressure loss at airflow**.

Heat water flow.

Cool water flow.

Identity Data

NLRS_C_model	OKNI 450/1200 A1K2 LO31 O1...
NLRS_C_materiaal_kleur	RAL 9010-55
SACS_Article_Code	NB

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	
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.

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 OKNI, we refer to [SA-Select](#).

***If extravent has been selected, the choice does not have an impact and the nozzle version is always AD.

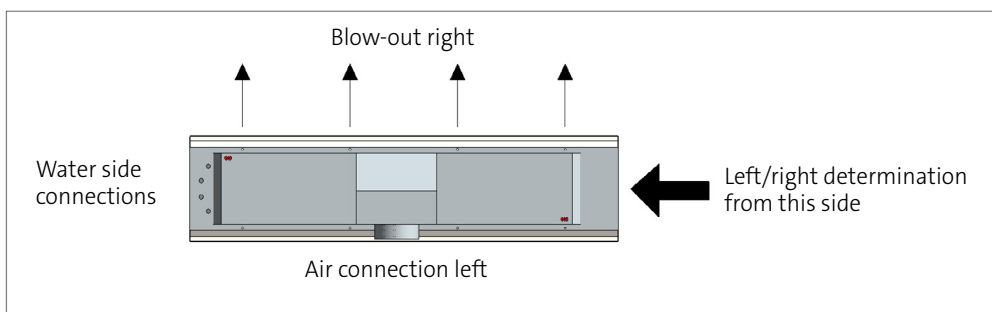
Values for “Nozzle plate type (1-7)”		
1: Fixed, nozzle type A1 2: Fixed, nozzle type A2	3: Fixed, nozzle type B1 4: Fixed, nozzle type B2 5: Fixed, nozzle type B3	6: Fixed, nozzle type C1 7: Fixed, nozzle type C2

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	3: 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:

OKNI 450/1500 BDK2 TO32 O1O 445x1495 RAL9010-55	(complete code, extravent)
OKNI 450/3000 BDV3 RO42 O1O 445x- RAL9010-55	(code different length, extravent)
OKNI 450/3000 A1V3 LO42 O1O 445x2995 -	(code different colour, fixed)
OKNI 450/1500 B2V2 TO31 O1O 445x- -	(code different length and colour, fixed)



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