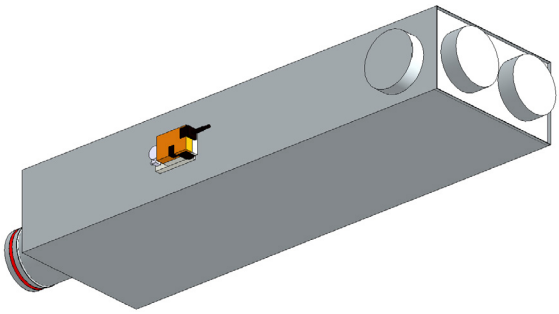
REVIT MANUAL

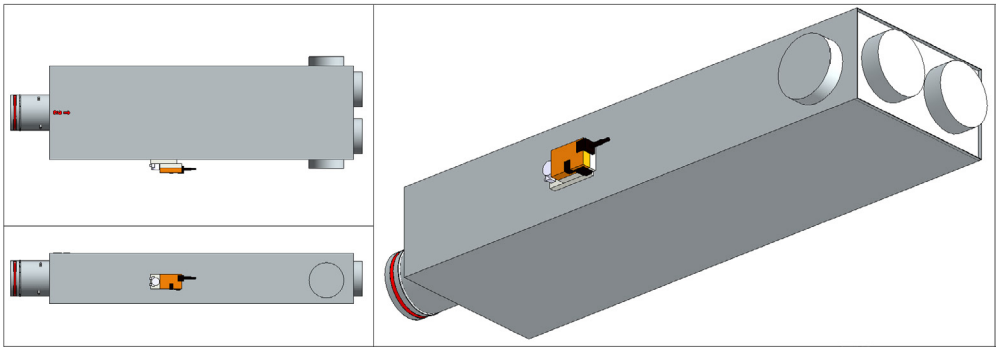
Volume unit

VVRSM-O



SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS

Summarised Revit BIM Manual Solid Air Models



Dimensions		
NLRS_M_c01_diameter	100.0	Nominal connection size IN.
NLRS_M_c02_diameter	125.0	Nominal connection size OUT.
NLRS_M_c03_diameter	125.0	Nominal connection size OUT.
NLRS_M_c04_diameter	125.0	Nominal connection size OUT.
NLRS_M_c05_diameter	125.0	Nominal connection size OUT.
Mechanical - Flow		
NLRS_M_c01_debiet	314.0000 m³/h	Air volume OUT
NLRS_M_c01_drukverlies_stati...	100.000000 Pa	Pressure loss with flow*.
NLRS_M_c02_debiet	75.0000 m³/h	Air volume OUT
NLRS_M_c03_debiet	80.0000 m³/h	Air volume OUT
NLRS_M_c04_debiet	74.0000 m³/h	Air volume OUT
NLRS_M_c05_debiet	85.0000 m³/h	Air volume OUT
Identity Data		
NLRS_C_model	VVRSMMOSR 100	Article name selected volume unit
SACS_Article_Code	9201003640	Order number.
SA-Select	https://selectietool.solid...	
SACS_Type_Mark		
Model Properties		
SACS_Option_1	VVRSM	Basic version.
SACS_Option_2	M = 4x round exit	Connection type OUT.
SACS_Option_3	O = no heater	Equipped with post-heater or not.
Controller type (0-3)	**0**	Selection field control equipment.
SACS_Option_4	S = compact MP (standard)	Selected control equipment.
Operating side (0-1)	**0**	Selection field equipment side.
SACS_Option_5	R = right	Selected equipment side.
Pre-pressure	**100.000000 Pa**	Setting inlet pressure controller*.

Notes

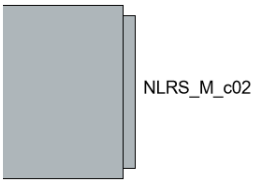
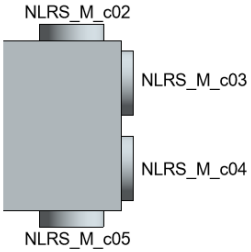
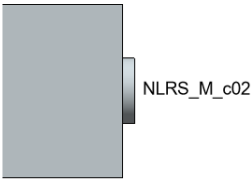
*It is recommended to apply an inlet pressure of at least 100 Pa to ensure proper operation of the control equipment. This value is the standard setting in the Revit model, so this value is used for calculating the transmission in the duct system to determine (critical path) the required pressure of the fan/AHU.
The actual inlet pressure may of course be higher when this unit is not in the critical path, but closer to the AHU or the fan. When you determine the inlet pressure, remember the pressure loss after the unit!

Please contact our advisers for your final selection.

Values for "Controller type (0-3)"			
0: Compact MP (standard)	1: Compact MOD	2: Compact KNX	3: Universal VRU (quick-running)

Values for "Operating side (0-1)"	
0: Equipment right (standard)	1: Equipment left

Revit does not provide for switching connectors on or off. Therefore we offer you six different families: with a post-heater (equipped with the water-side connectors, see the manual for the VVRSM_B), and without a post-heater, where there are three different versions for the outgoing connections on the air side.

VVRSME	**VVRSMM**	**VVRSMN**
		

The total of the outgoing air-side flows is passed on as air-side incoming flow (NLRS_M_c01_debiet).

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