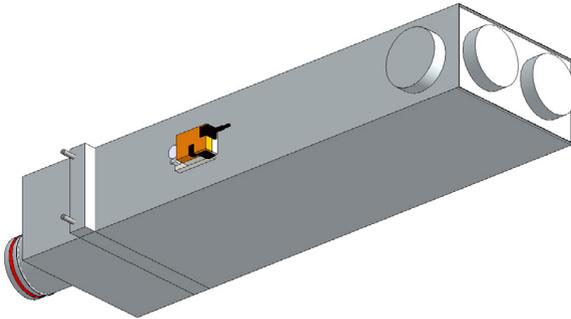




# REVIT MANUAL

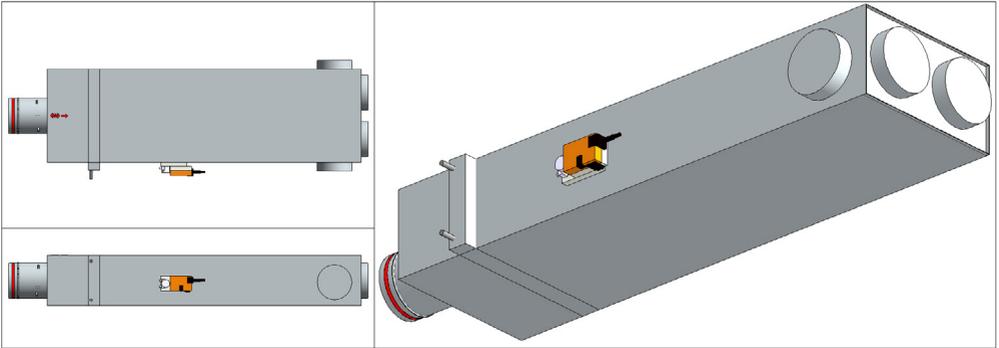
Volume unit

**VVRSM-B**



**SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS**

## SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS



### Dimensions

NLRS_M_c01_diameter	200.0
NLRS_M_c02_diameter	200.0
NLRS_M_c03_diameter	200.0
NLRS_M_c04_diameter	200.0
NLRS_M_c05_diameter	200.0
NLRS_P_c01_diameter	12.0
NLRS_P_c02_diameter	12.0

Nominal connection size IN.  
 Nominal connection size OUT.  
 Nominal connection size OUT.  
 Nominal connection size OUT.  
 Nominal connection size OUT.  
 Nominal connection size water IN.  
 Nominal connection size water OUT.

### Mechanical

NLRS_P_c01_volumestroom	0.00 L/s
NLRS_P_c01_drukverlies_stati...	0.000000 Pa
NLRS_P_c02_volumestroom	0.00 L/s
NLRS_P_c02_drukverlies_stati...	0.000000 Pa
NLRS_M_c01_temperatuur	20.00 °C
NLRS_P_c01_temperatuur	45.00 °C
NLRS_P_c02_temperatuur	40.00 °C

Water flow IN.  
 Pressure loss Water IN.  
 Water flow OUT.  
 Pressure loss Water OUT.  
 Primary temperature (IN).  
 Water temperature IN.  
 Water temperature OUT.

### Mechanical - Flow

NLRS_M_c01_debiet	1150.0000 m <sup>3</sup> /h
NLRS_M_c01_drukverlies_stati...	125.000000 Pa
NLRS_M_c02_debiet	325.0000 m <sup>3</sup> /h
NLRS_M_c03_debiet	300.0000 m <sup>3</sup> /h
NLRS_M_c04_debiet	275.0000 m <sup>3</sup> /h
NLRS_M_c05_debiet	250.0000 m <sup>3</sup> /h

Air volume IN  
 Pressure loss with flow\*.  
 Air volume OUT  
 Air volume OUT  
 Air volume OUT  
 Air volume OUT

Identity Data	
NLRS_C_model	VVRSMMSR 200
SACS_Article_Code	9201003648
SACS_Type_Mark	
SA-Select	<a href="https://selectietool.solid...">https://selectietool.solid...</a>
Model Properties	
SACS_Option_1	VVRSM
SACS_Option_2	M = 4x round exit
SACS_Option_3	B = heater
<b>Controller type (0-3)</b>	<b>0</b>
SACS_Option_4	S = compact MP (standard)
<b>Operating side (0-1)</b>	<b>0</b>
SACS_Option_5	R = right
<b>Pre-pressure</b>	<b>125.000000 Pa</b>

Article name selected volume unit  
Order number.

Basic version.  
Connection type OUT.  
Equipped with post-heater or not.  
Selection field control equipment.  
Selected control equipment.  
Selection field equipment side.  
Selected equipment side.  
Setting inlet pressure controller\*.

**Notes**

\*It is recommended to apply an inlet pressure of at least 125 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!

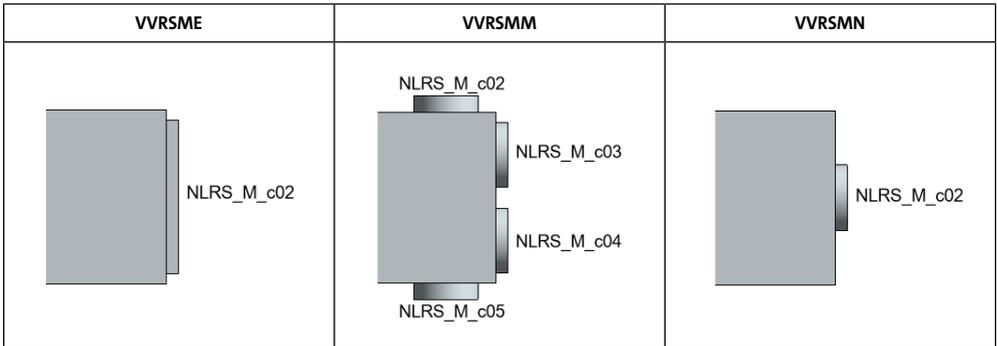
**Please contact our advisers for your final selection.**

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, and without a post-heater (see the manual for the VVRSM\_O), where there are three different versions for the outgoing connections on the air side.



The total of the outgoing air-side flows is passed on as air-side incoming flow (NLRS\_M\_c01\_debiet).



Solid Air International  
A. PO Box 14, 9610 AA Sappemeer  
T. +31 598 36 12 21  
E. [contact@solid-air.com](mailto:contact@solid-air.com)  
W. [www.solid-air.com](http://www.solid-air.com)