

Revit Model Features

These models use type catalogues so all variants of the XBC45-H range, when utilising the same heating coil option, can be inserted using the same .rfa file.
See the Read Me file attached for further info.

- XBC45-H-L.rfa** holds all the **L**PHW heater versions on the unit e.g. XBC45-H-**L**CO.
- XBC45-H-E.rfa** holds all the **e**lectric heater versions on the unit e.g. XBC45-H-**E**AT-R.
- XBC45-H-N.rfa** holds all the **n**o heater versions on the unit e.g. XBC45-H-**N**ESBA.

The XBC45-H-*.rfa models included each have the following options in the Model Properties category in the Properties window

Model Properties	
Discharge Silencer<Duct Accessor...	XBC Silencer : XBC45-HS-MS10 ...
Supply Silencer<Duct Accessories>	XBC Silencer : XBC45-HS-MS16 ...
Intake Silencer<Duct Accessories>	XBC Silencer : none
Extract Silencer<Duct Accessories>	XBC Silencer : XBC45-HE-MS12 ...
Roof	<input type="checkbox"/>
Intake Connection Option 2	<input type="checkbox"/>
Extract Connection Option 2	<input type="checkbox"/>
Show Access Clearance	<input checked="" type="checkbox"/>

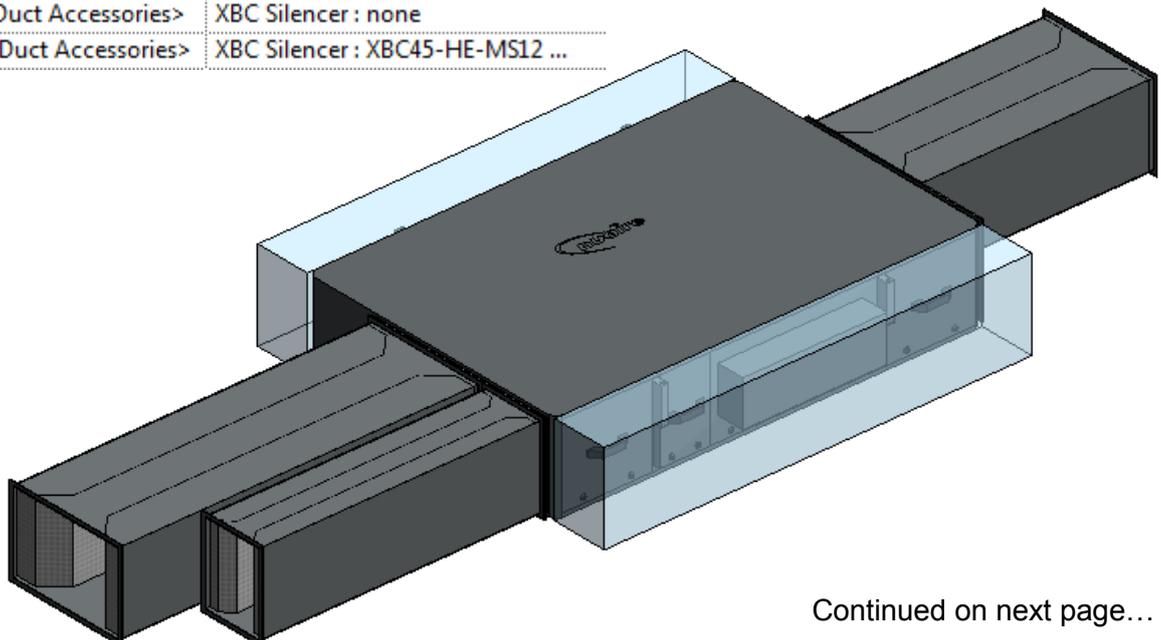
1. **'Discharge Silencer'** etc. are drop down boxes that allow you to choose which matched silencers to use. The choice of silencer lengths are: MS10 (1050mm), MS12 (1450mm) & MS16 (1600mm).

The HE/HS part of the code refers to which connection they are designed for:

- HE - This silencer is suitable for the smaller **extract** and intake connections on the sides.
- HS – This silencer is suitable for the larger **supply** and discharge connections in the centre.

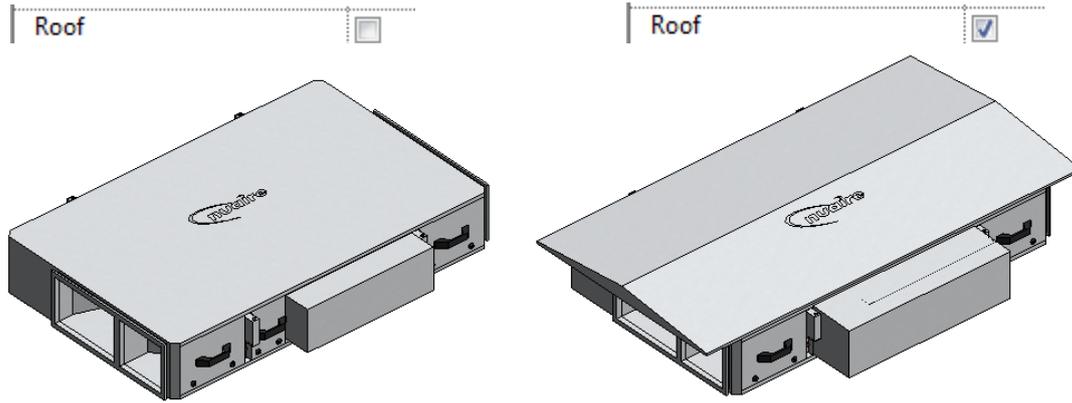
Choosing an option that doesn't match the connection will no work. The silencer will therefore not be shown on the unit, or scheduled.

Model Properties	
Discharge Silencer<Duct Accessor...	XBC Silencer : XBC45-HS-MS10 ...
Supply Silencer<Duct Accessories>	XBC Silencer : XBC45-HS-MS16 ...
Intake Silencer<Duct Accessories>	XBC Silencer : none
Extract Silencer<Duct Accessories>	XBC Silencer : XBC45-HE-MS12 ...



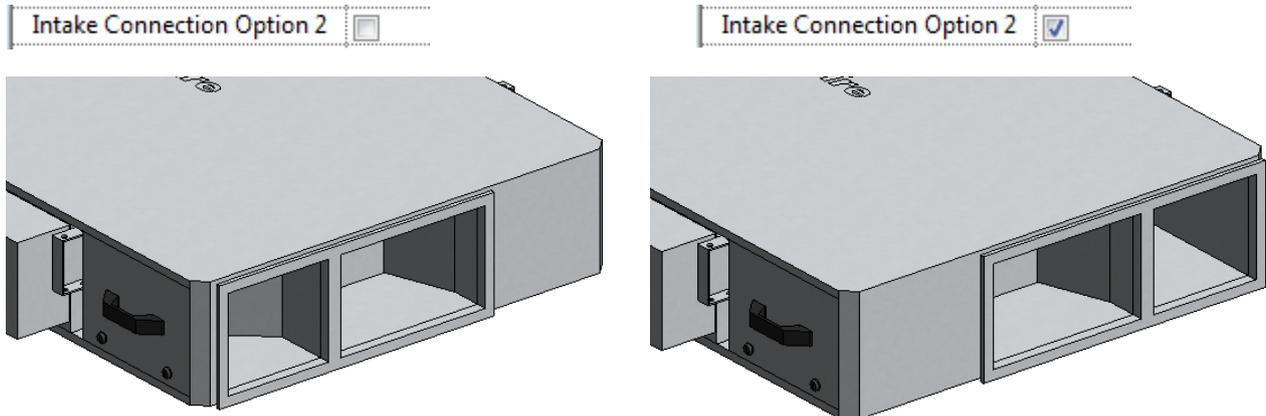
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2. Ticking **'Roof'** will add the weatherproof roof and cover for the controls (XBC45-H-WP) if used.

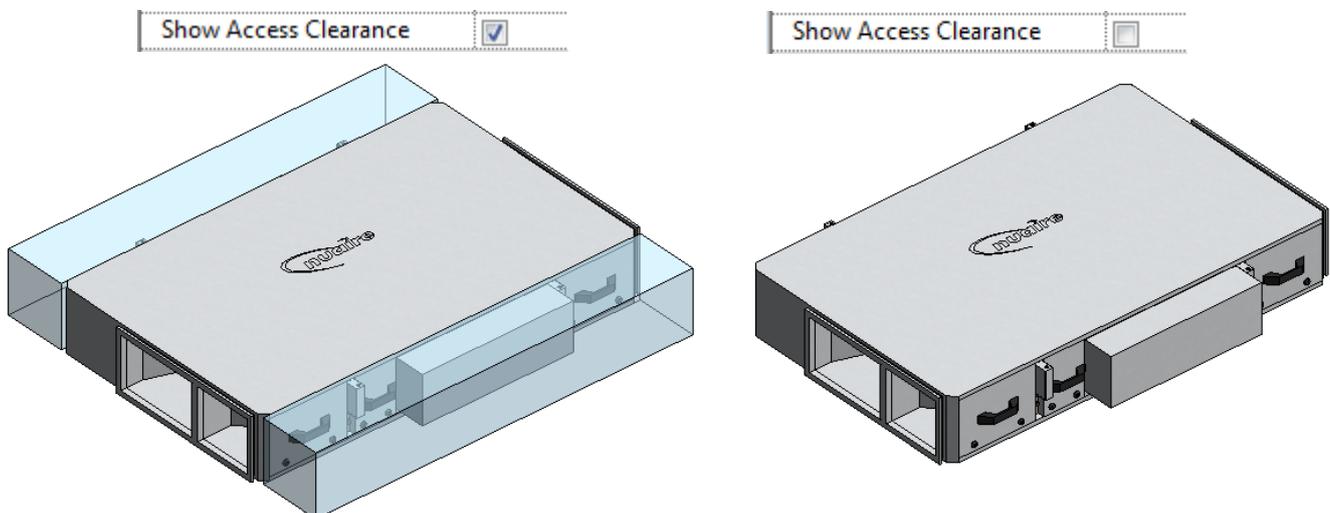


3. The XBC45-H units come with a choice of left or right handed duct connections that are to be chosen on site by the ducting contractor.

'Intake Connection Option 2' and **'Extract Connection Option 2'** will switch the connection on the Revit model to the other side as required.



4. **'Show Access Clearance'** allows you to show or hide the access clearance transparent area of the model.



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5. If the model is inserted into the project without using the correct procedure then you will be alerted via a red box and 'DO NOT USE' wording around the model. The model code will also show this same message in the schedules. Please then refer to the additional 'Please read Me File' packaged with this family for the correct insertion procedure.

