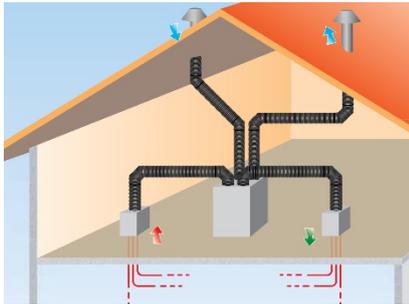


TQ-Air

Insulated ventilation ducting system by Thermaflex®

How to install the heat recovery ventilation system TQ-Air



Required Tools

Iron saw



Measuring tape

Application Instruction

Application conditions and preparation

- Ambient temperature: +5 to +40°C



01.
If necessary, shorten the HRV tube by using an iron saw. Saw through the pre-insulated duct while following the same groove of the corrugated casing.



02.
To get 45° bends cut an HRV 90° bend into half.



03.
Use the HRV connector to join tubes and bends. Place the connector on the first tube/bend to be connected until its center line. Make sure the connector fits into the corrugation as shown in the drawing.



04.
Fold back the connector as shown in picture 4.



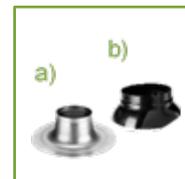
05.
Place the second tube or bend, press the parts together with light pressure and fold back the connector. Make sure it fits into the corrugation as shown in step 3.



06.
With reduction connectors, all HRV units and other equipment can be connected. First, place the reduction connector onto the HRV pre-insulated duct as described in step 3. Place the flat part of the connector onto the equipment. If necessary, secure with a hose clip.



07.
For connecting HRV wall and roof terminals use the HRV connector and follow steps 3-5.



08.
a) With the aluminum flat flashing the HRV roof terminal can be installed on a flat roof.
b) With a PE sliding adaptor (not supplied by Thermaflex) the HRV roof terminal can be connected to tiles on a pitched roof.