

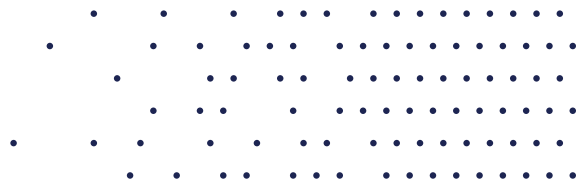


# User Guide

## KE Fibertec Group BIM Objects for Revit 2021



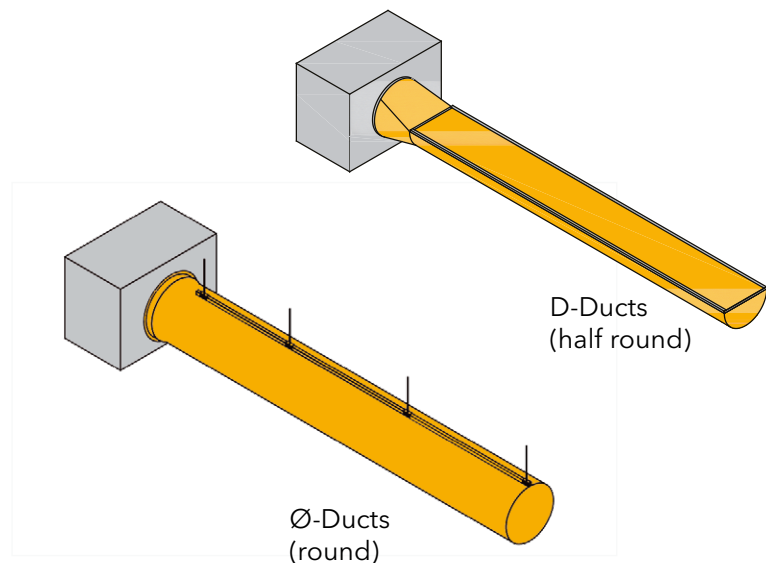
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# KE Fibertec Textile Duct Systems

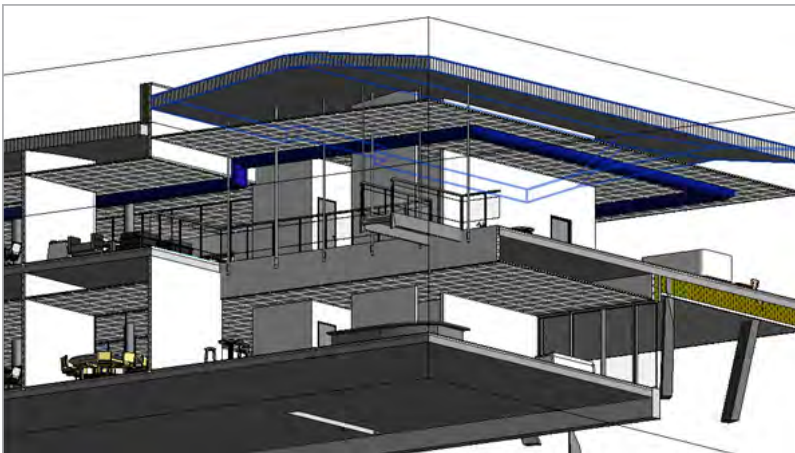
KE Fibertec offers a wide range of Duct Systems as BIM objects to suit all your project building applications and this userguide will outline the step-by-step process of getting the most out of these BIM objects.

The available KE Fibertec Duct Systems include the following types:



## KE Group BIM Objects

KE Group BIM objects are only for visual show in the Revit environment. They can be used for clash detection. The textile ducts will always have to be accurately dimensioned to fit customer specifications:



**Refer to movie:**  
[Intro KE BIM 100](#)

## Families included

### Air Terminals

KE Fibertec - Connector-Side

KE Fibertec - Connector-Top

### Duct Fittings

#### D-Ducts

KE Fibertec - DV-Down

KE Fibertec - DV-Left

KE Fibertec - DV-Right

KE Fibertec - DV-Straight

KE Fibertec - DV-Up

#### Ø-Ducts

KE Fibertec - O-Bend-45

KE Fibertec - O-Bend-90

KE Fibertec - O-Elbow

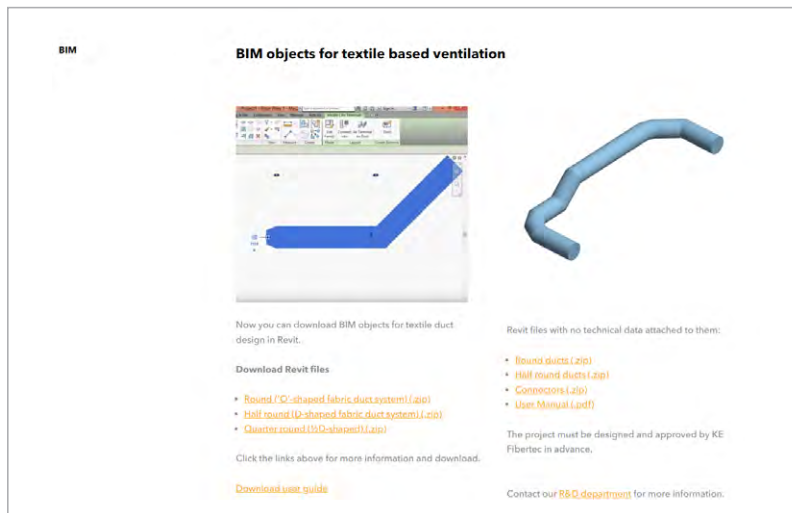
KE Fibertec - O-Straight



# Installation of families in Revit 2021

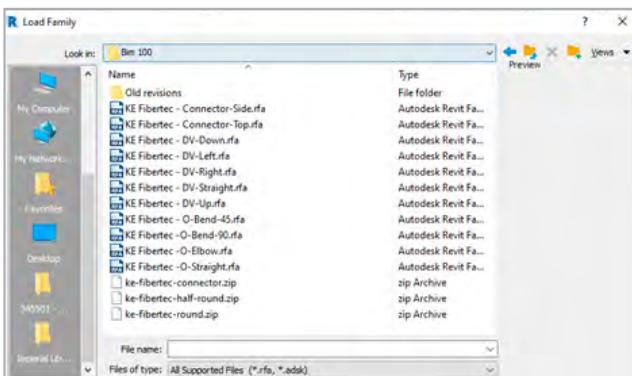
## 1. Download the relevant Family and unzip

- Go to [www.ke-fibertec.com/BIM](http://www.ke-fibertec.com/BIM)

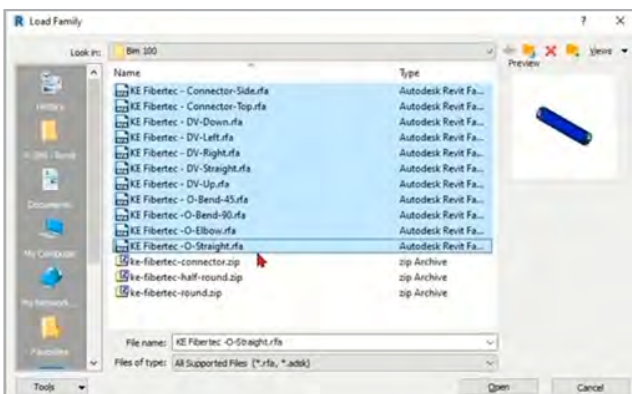


## 2. Import Families to Revit 2021

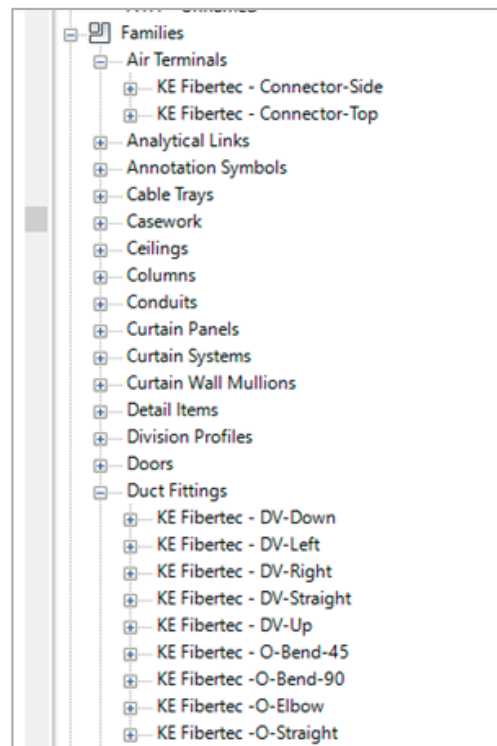
- Open menu: INSERT IN REVIT
- Click on LOAD FAMILY
- Browse to the location where you saved the unzipped objects



- Select required objects and click OPEN



## 3. Now Families can be found here:



# How to use objects in Revit

## Air Terminals

### KE Fibertec - Connector-Side

Side connector has editable diameter and length.  
Min. length is 50 mm.  
Airflow can be changed.



### KE Fibertec - Connector-Top

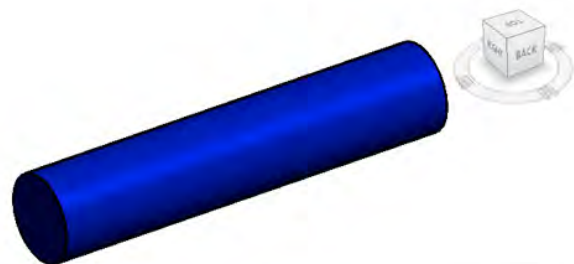
Top connector has editable diameter and length.  
Min. length is 50 mm.  
Airflow can be changed.



## Duct Fittings: Ø-Ducts

### KE Fibertec - O-Straight

Ducts have editable diameter and length.  
Shortest duct possible is 50 mm.  
Diameter from 150 to 2032 mm.



### KE Fibertec - O-Bend-45

Bend has editable diameter and can be rotated  
around centre at any angle.



### KE Fibertec - O-Bend-90

Bend has editable diameter and can be rotated  
around centre at any angle.



### KE Fibertec - O-Elbow

Elbow has editable diameter and can be rotated  
around centre at any angle.

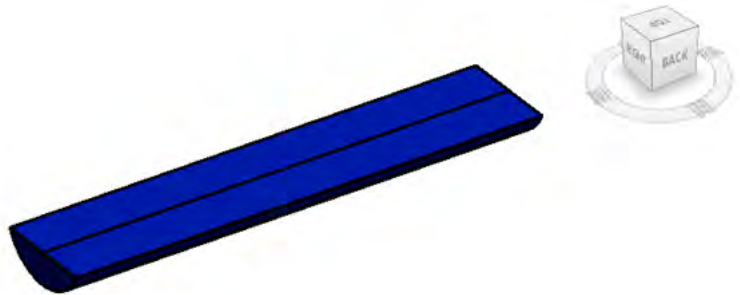
Elbow can be made in an angle between 1° - 90°



## Duct Fittings: D-Ducts

### KE Fibertec - DV-Straight

Ducts have editable width, height, and length.



### KE Fibertec - DV-Left

Elbow Left has editable width and height. Elbow can be made in an angle between 1° - 90°.



### KE Fibertec - DV-Right

Elbow Right has editable width and height. Elbow can be made in an angle between 1° - 90°.



### KE Fibertec - DV-Down

Elbow Down has editable width and height. Elbow can be made in an angle between 1° - 90°.

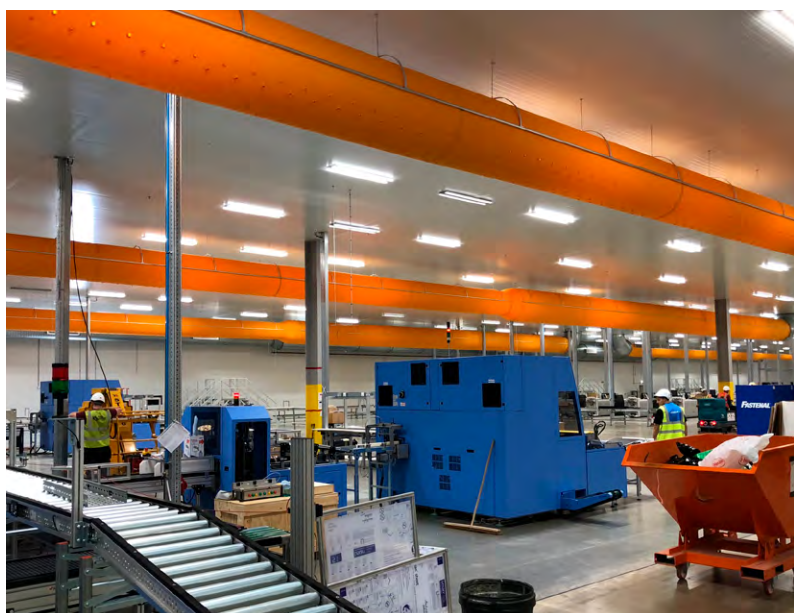
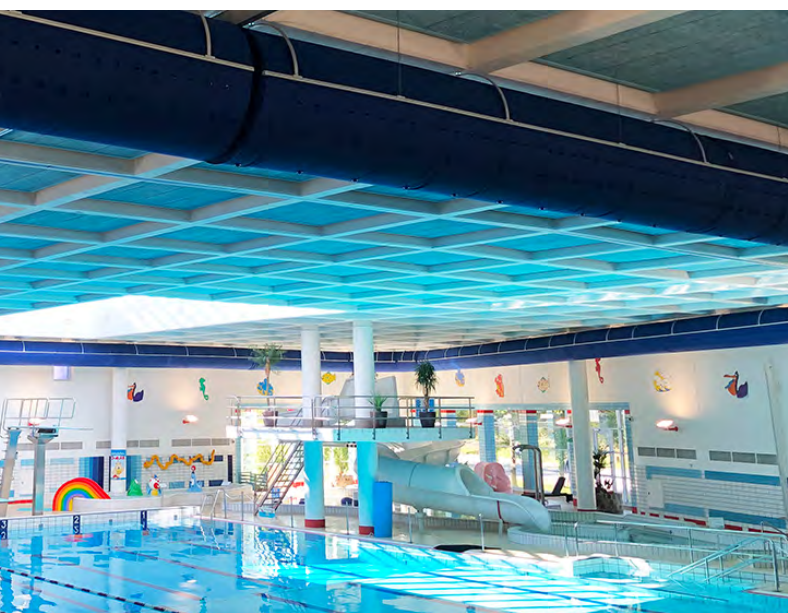


### KE Fibertec - DV-Up

Elbow Up has editable width and height. Elbow can be made in an angle between 1° - 90°.







## More info

For further information on BIM objects for textile duct design in Revit, please contact us at [info@ke-fibertec.dk](mailto:info@ke-fibertec.dk)

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