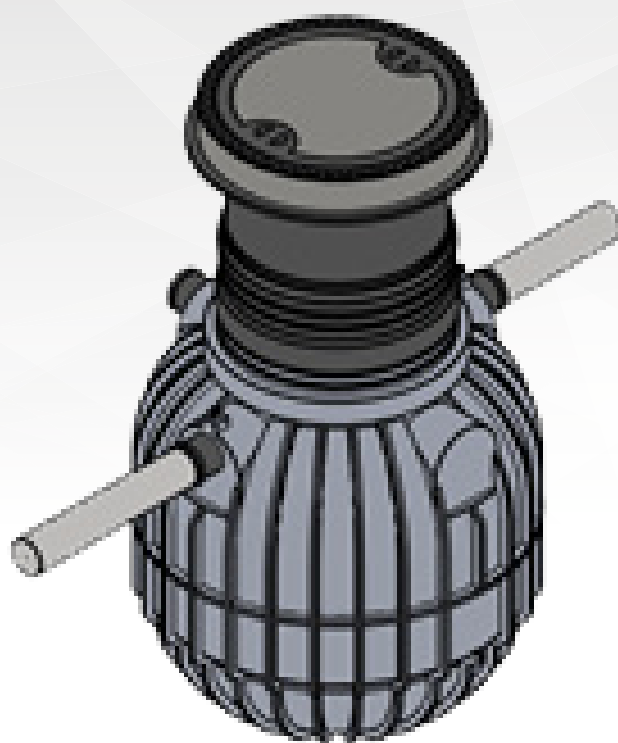




# Revit Families

MANUAL HANDLING  
SAPHIR GREASE SEPARATORS

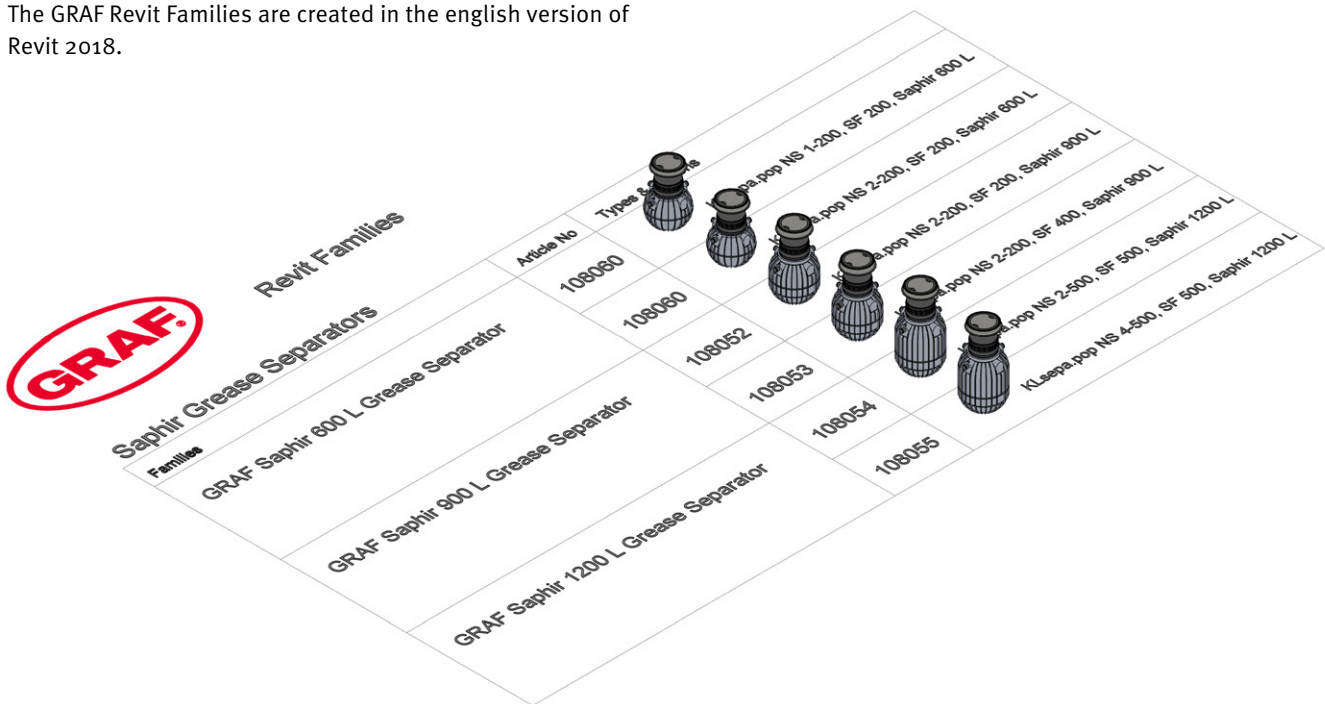


# GENERAL

## REVIT Saphir Grease Separators

### Revit Version

The GRAF Revit Families are created in the english version of Revit 2018.



| Revit Families                      |            | Types & Models                              |        |
|-------------------------------------|------------|---|--------|
| Families                            | Article No | Types                                       | Models |
| GRAF Saphir 600 L Grease Separator  | 108060     | sepa.pop NS 1-200, SF 200, Saphir 600 L     |        |
| GRAF Saphir 900 L Grease Separator  | 108060     | sepa.pop NS 2-200, SF 200, Saphir 900 L     |        |
| GRAF Saphir 1200 L Grease Separator | 108052     | sepa.pop NS 2-200, SF 200, Saphir 900 L     |        |
|                                     | 108053     | sepa.pop NS 2-200, SF 400, Saphir 900 L     |        |
|                                     | 108054     | KL.sepa.pop NS 2-500, SF 500, Saphir 1200 L |        |
|                                     | 108055     |   |        |

### How to add the families to your project

1. Open your Revit project.
2. Open the **GRAF Saphir Grease Separators**
3. In this project, select a family.
4. In the Modify menu run Edit Family. This opens the Family Editor.
5. From here, run Load into Project (or Load into Project and Close) and select your project.  
The family is available now in the project browser of your project under Families > Specialty Equipment.  
The family types can be dragged into your drawing area.
6. You can close the family you have opened. You do not need to save it, as all families and types are still available in the **GRAF Saphir Grease Separators**

*Alternatively, use Insert > Load Family to load the downloaded single families directly in your project.  
In this case, you do not need to open the overview project.*

# PROPERTIES

## REVIT Saphir Grease Separators

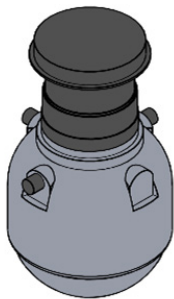


### Correct planning

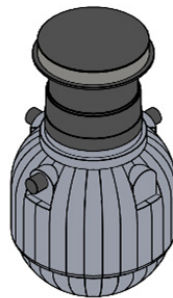
For correct planning, the information in the product-specific installation instructions must be observed.

### Detail Levels

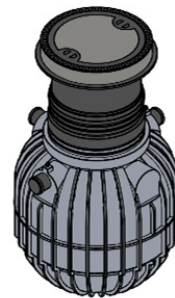
The GRAF families support the Revit detail levels Coarse, Medium and Fine.



**coarse**



**medium**

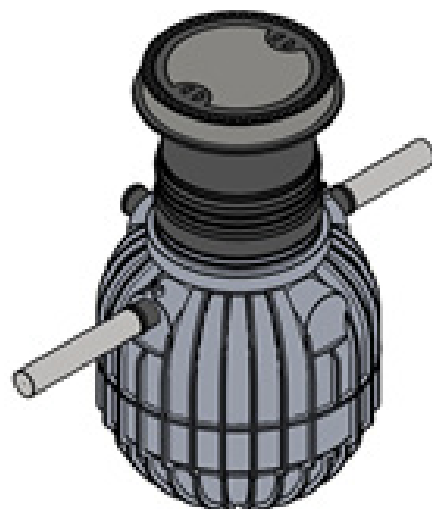
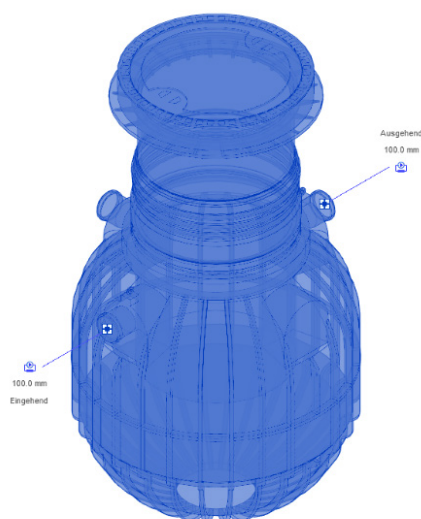


**fine**

### Connectors

Piping systems can be designed using the connectors on the tanks and accessories.

### GRAF Saphir Grease Separators

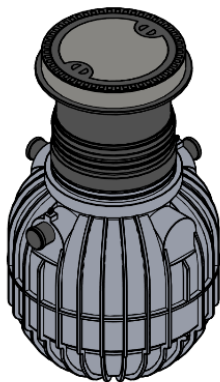


# PROPERTIES

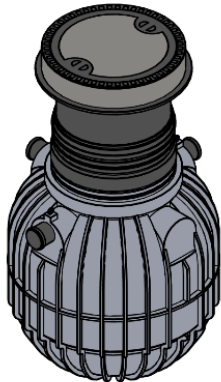
## REVIT Saphir Grease Separators

### Show Cover Class

Defines the visibility of the telescope dome shaft. Please select the required load class.  
You also have the option of determining the position of the empty pipe. There are two options here.



| Konstruktion  |                                     |
|---------------|-------------------------------------|
| Cable Pipe L  | <input checked="" type="checkbox"/> |
| Cable Pipe R  | <input type="checkbox"/>            |
| Cover Class B | <input checked="" type="checkbox"/> |
| Cover Class D | <input type="checkbox"/>            |
| Cover Height  | 115.0                               |



| Konstruktion  |                                     |
|---------------|-------------------------------------|
| Cable Pipe L  | <input checked="" type="checkbox"/> |
| Cable Pipe R  | <input type="checkbox"/>            |
| Cover Class B | <input type="checkbox"/>            |
| Cover Class D | <input checked="" type="checkbox"/> |
| Cover Height  | 140.0                               |

### Base of the families

The base points in the families are in x/y-direction the center, in z-direction on the bottom edge for the tanks, for accessories based on the usage of the families.



# TYPE PROPERTIES

## REVIT Saphir Grease Separators



The Type Properties contain Meta data like article number or hyperlinks to technical information. The material parameter is already set with predefined GRAF materials.

Typeneigenschaften

Familie: GRAF Saphir 600 L Grease Separator Laden...

Typ: KLsepa.pop NS 1-200, SF 200, Saphir 600 L Duplizieren...

Umbenennen...

Typenparameter

| Parameter                          | Wert  |
|------------------------------------|---|
| <b>Materialien und Oberflächen</b> |   |
| Material                           | Graf_PP_Light_Blue  |
| <b>Abmessungen</b>                 |   |
| Width                              | 1125.0  |
| Length                             | 1125.0  |
| Height                             | 1045.0  |
| <b>HLS</b>                         |   |
| Connection Surfaces                | 3x DN100  |
| <b>ID-Daten</b>                    |   |
| Typenbild                          |   |
| Bauelement                         |   |
| Beschreibung                       | Grease Separator  |
| Material Description               | PE  |
| Modell                             | Grease Separator NS1-200, Sludge 200  |
| Article Number                     | 108060  |
| Height PKW                         | 1620 – 1800   |
| Height LKW                         | 1650 – 1830   |
| Volume                             | 0.500 m <sup>3</sup>  |
| Volume Grease                      | 0.200 m <sup>3</sup>  |
| Volume Sludge                      | 0.200 m <sup>3</sup>  |
| Weight                             | 41.000 kg   |
| Max. Load                          | SWL 60  |
| Copyright                          | © Otto Graf GmbH.SUSTAINABILITY & INNOVATION IN PLASTICS  |
| Hersteller                         | Otto Graf GmbH  |
| Phone                              | +49 7641 589-0  |
| E-Mail Sales                       | mail@graf.info  |
| Typenkommentare                    |   |
| URL                                | <a href="https://www.graf-water.com/">https://www.graf-water.com/</a>   |
| Technical Information              | <a href="https://www.graf-water.com/separators/grease-separators/g">https://www.graf-water.com/separators/grease-separators/g</a> |

## GRAF Specialty Equipment Schedule

All product-relevant parameters are supplied in the specially prepared component list.

| Count | Family                                  | Type               | Model  | Article Number  | Material Description | Max. Load | Connection Surfaces | Length | Width | Height |
|-------|---|--------------------|--|-----------------|----------------------|-----------|---------------------|--------|-------|--------|
| 1     | GRAF Intermediate Section DN100 + 300mm | Intermediate Secto | Intermediate Section DN 600, effective (371003 | 371003          | PE                   |           |                     | 690    | 690   | 400    |
| 1     | GRAF Tank Dome Maxi                     | Tank Dome Maxi     | Tank Dome Maxi                                 | 375182 + 330210 | PP                   |           |                     | 670    | 670   | 700    |
| 1     | GRAF Tank Dome Maxi DN110               | Tank Dome Maxi D   | Tank Dome Maxi DN110                           | 371007          | PP                   |           | 5x DN110            | 670    | 670   | 700    |
| 1     | GRAF Tank Dome Maxi DN110               | Tank Dome Maxi D   | Tank Dome Maxi DN110                           | 371007          | PP                   |           | 5x DN110            | 670    | 670   | 700    |
| 1     | GRAF Tank Dome Maxi DN110               | Tank Dome Maxi D   | Tank Dome Maxi DN110                           | 371007          | PP                   |           | 5x DN110            | 670    | 670   | 700    |
| 1     | GRAF Tank Dome Maxi DN110               | Tank Dome Maxi D   | Tank Dome Maxi DN110                           | 371007          | PP                   |           | 5x DN110            | 670    | 670   | 700    |
| 1     | GRAF Tank Dome Maxi DN110               | Tank Dome Maxi D   | Tank Dome Maxi DN110                           | 371007          | PP                   |           | 5x DN110            | 670    | 670   | 700    |
| 1     | GRAF Tank Dome Maxi DN160               | Tank Dome Maxi D   | Tank Dome Maxi DN160                           | 371017          | PP                   |           | 5x DN160            | 670    | 670   | 700    |
| 1     | GRAF Tank Dome Mini                     | Tank Dome Mini     | Tank Dome Mini                                 | 375183 + 330210 | PP                   |           |                     | 670    | 670   | 380    |
| 1     | GRAF Tank Dome Mini DN110               | Tank Dome Mini D   | Tank Dome Mini                                 | 371006          | PP                   |           | 3x DN110            | 670    | 670   | 380    |
| 1     | GRAF Tele Dome 600 Lorry                | Dome 600 Lorry     | Telescopic Dome 600 Class D                    | 371021          | PP                   |           |                     | 655    | 655   | 460    |
| 1     | GRAF Tele Dome 600 Maxi                 | 600 Maxi           | Telescopic Dome 600 Maxi                       | 371011          | PP+PE                |           | Pedestrian L        | 650    | 650   | 476    |
| 1     | GRAF Tele Dome 600 Maxi                 | 600 Maxi           | Telescopic Dome 600 Maxi                       | 371011          | PP+PE                |           | Pedestrian L        | 650    | 650   | 476    |
| 1     | GRAF Tele Dome 600 Maxi                 | 600 Maxi           | Telescopic Dome 600 Maxi                       | 371011          | PP+PE                |           | Pedestrian L        | 650    | 650   | 476    |
| 1     | GRAF Tele Dome 600 Maxi                 | 600 Maxi           | Telescopic Dome 600 Maxi                       | 371011          | PP+PE                |           | Pedestrian L        | 650    | 650   | 476    |
| 1     | GRAF Tele Dome 600 Maxi                 | 600 Maxi           | Telescopic Dome 600 Maxi                       | 371011          | PP+PE                |           | Pedestrian L        | 650    | 650   | 476    |
| 1     | GRAF Tele Dome 600 Mini                 | 600 Mini           | Telescopic Dome 600 Mini                       | 371010          | PP+PE                |           | Pedestrian L        | 760    | 760   | 360    |
| 1     | GRAF Tele Dome 600 Vehicle              | Dome 600 Vehicle   | Telescopic Dome 600 Class B                    | 371020          | PP+Cast Iron         | 3.5 t     |                     | 650    | 650   | 476    |
| 1     | GRAF Underground Tank Carat 2750L       | Carat 2750L        | Underground Tank Carat 2750L                   | 370001          | PP                   | 12 t      | 6x DN110            | 2080   | 1565  | 1400   |
| 1     | GRAF Underground Tank Carat 2750L       | Carat 2750L        | Underground Tank Carat 2750L                   | 370001          | PP                   | 12 t      | 6x DN110            | 2080   | 1565  | 1400   |
| 1     | GRAF Underground Tank Carat 3750L       | Carat 3750L        | Underground Tank Carat 3750L                   | 370002          | PP                   | 12 t      | 6x DN110            | 2280   | 1755  | 1590   |
| 1     | GRAF Underground Tank Carat 3750L       | Carat 3750L        | Underground Tank Carat 3750L                   | 370002          | PP                   | 12 t      | 6x DN110            | 2280   | 1755  | 1590   |
| 1     | GRAF Underground Tank Carat 4800L       | Carat 4800L        | Underground Tank Carat 4800L                   | 370003          | PP                   | 12 t      | 6x DN110 / 6x DN160 | 2280   | 1985  | 1820   |
| 1     | GRAF Underground Tank Carat 4800L       | Carat 4800L        | Underground Tank Carat 4800L                   | 370003          | PP                   | 12 t      | 6x DN110 / 6x DN160 | 2280   | 1985  | 1820   |
| 1     | GRAF Underground Tank Carat 6500L       | Carat 6500L        | Underground Tank Carat 6500L                   | 370004          | PP                   | 12 t      | 6x DN110 / 6x DN160 | 2390   | 2190  | 2100   |
| 1     | GRAF Underground Tank Carat 6500L       | Carat 6500L        | Underground Tank Carat 6500L                   | 370004          | PP                   | 12 t      | 6x DN110 / 6x DN160 | 2390   | 2190  | 2100   |





For more information about our Stormwater Management, Rainwater Harvesting or Wastewater Treatment, ask for our technical catalogue.