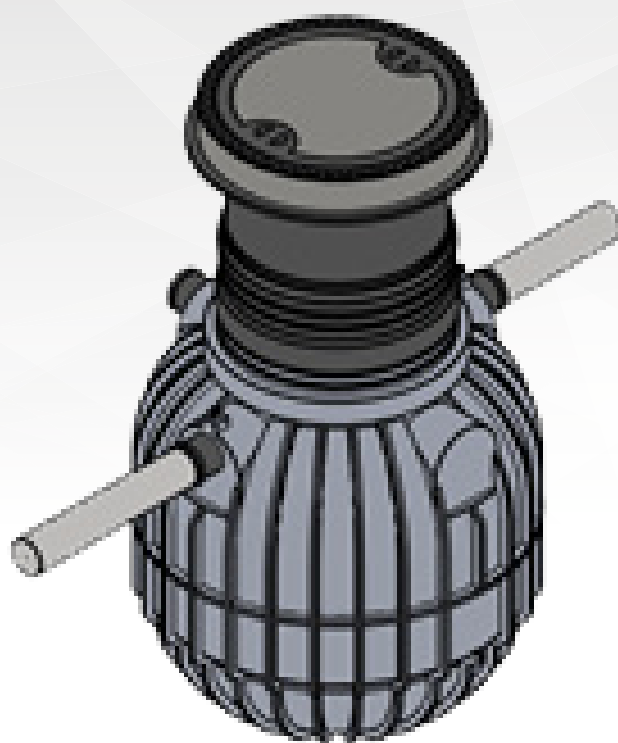




# Revit Families

MANUAL HANDLING  
SAPHIR LIGHT FLUID  
SEPARATORS

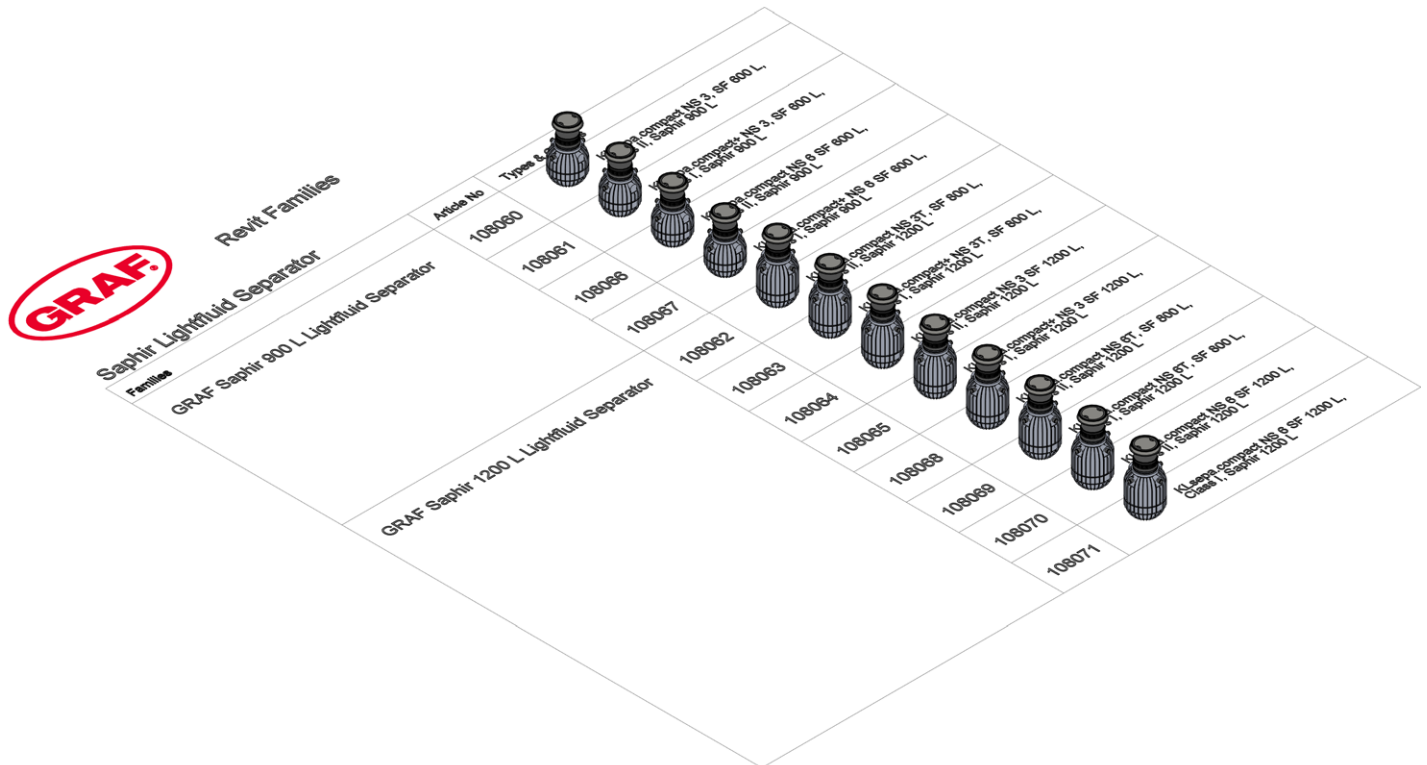


# GENERAL

## REVIT Saphir Light fluid Separators

### Revit Version

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



Revit Families		Article No	Type & Description
Saphir Lightfluid Separator	GRAF Saphir 800 L Lightfluid Separator	108060	compact NS 3, SF 800 L
		108061	compact NS 3, SF 800 L
		108068	compact NS 3, SF 800 L
		108067	compact NS 3, SF 800 L
		108062	compact NS 3, SF 800 L
GRAF Saphir 1200 L Lightfluid Separator		108063	compact NS 3, SF 1200 L
		108064	compact NS 3, SF 1200 L
		108065	compact NS 3, SF 1200 L
		108068	compact NS 3, SF 1200 L
		108069	compact NS 3, SF 1200 L
		108070	compact NS 3, SF 1200 L
		108071	compact NS 3, SF 1200 L

### How to add the families to your project

1. Open your Revit project.
2. Open the **GRAF Saphir Light fluid 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 Light fluid 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 Light fluid Separators

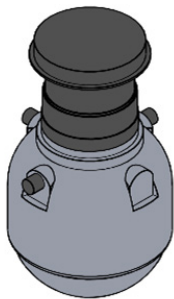


### Correct planning

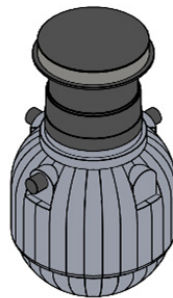
For correct planning, the information in the product-specific installation instructions must be observed.

### Detail Levels

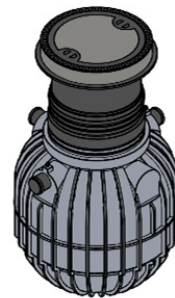
The GRAF families support the Revit detail levels Coarse, Medium and Fine.



**coarse**



**medium**

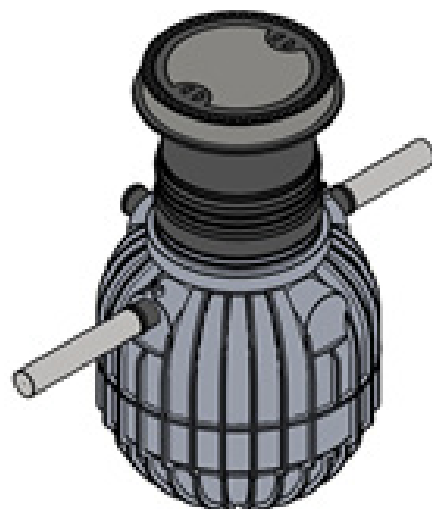
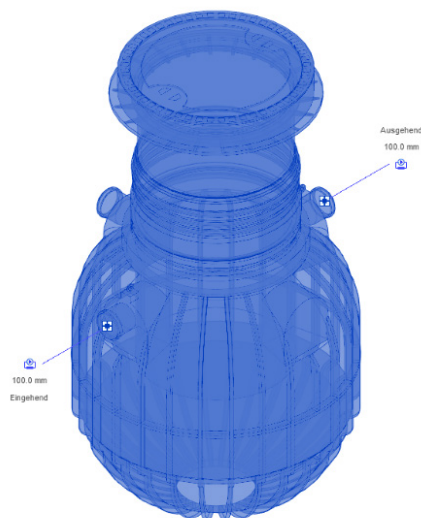


**fine**

### Connectors

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

### GRAF Saphir Light fluid Separators

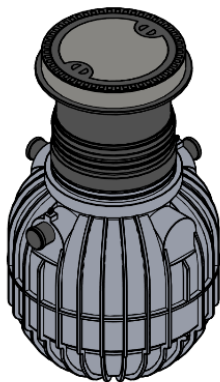


# PROPERTIES

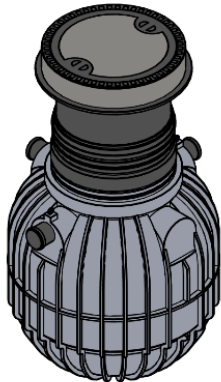
## REVIT Saphir Light fluid Separators

### 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.



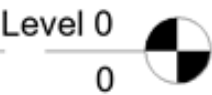
Konstruktion	
Cable Pipe L	<input checked="" type="checkbox"/>
Cable Pipe R	<input type="checkbox"/>
Cover Class B	<input checked="" type="checkbox"/>
Cover Class D	<input type="checkbox"/>
Cover Height	115.0



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 Light fluid 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 1200 L Lightfluid Separator Laden...

Typ: KLsepa.compact NS 3T, SF 800 L, Class II, Saphir 1200 L Duplizieren...

Umbenennen...

Typenparameter

Parameter	Wert
<b>Materialien und Oberflächen</b>	
Material	Graf_PP_Light_Blue
<b>Abmessungen</b>	
Width	1155.0
Length	1155.0
Height	1670.0
<b>HLS</b>	
Connection Surfaces	2x DN150, 1x DN100
<b>ID-Daten</b>	
Typenbild	
Bauelement	
Beschreibung	Lightfluid Separator
Material Description	PE
Modell	Lightfluid Separator NS3T, Sludge 800L, Class II
Article Number	108062
Height PKW	2230 - 2430
Height LKW	2255 - 2455
Volume	1.100 m³
Volume Lightfluid	0.500 m³
Volume Sludge	0.800 m³
Weight	110.000 kg
Max. Load	SWL 60
Copyright	© Otto Graf GmbH.SUSTAINABILITY & INNOVATION IN PLASTIC
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/light-fluid-separator">https://www.graf-water.com/separators/light-fluid-separator</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	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	780	780	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.