CALEFFI

Flanged Hydraulic Separators

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548, NA548 Series

Revit Content Instructions Guide

Manufacturer & Product:	**Caleffi 548 and NA548 Series Flanged Hydraulic Separator**
Files:	*Flanged_Hydraulic_Separators-Hydro_Separator-Caleffi-NA548.rfa*
Type Catalog:	*Not Applicable*
Rendering file:	Not Applicable
Schedule file:	Not Applicable
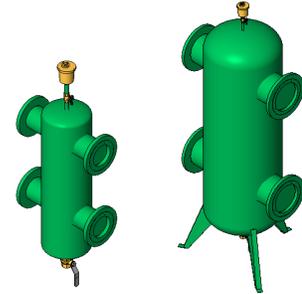
These families contain the following main variations or types:
- Size variations: 2" – 14" Flanged
- Configurations with and without legs
- Insulation shell available for sizes below 5"

Instance Properties

Here is a curated list of notable parameters for the Revit user within the 0BCaleffi 548 and NA548 Series Flanged Hydraulic Separator families.

Construction	
Insulation Option Warning (default)	If insulation option is not available, a text warning is shown here to the user
Plumbing	
Fluid Type (default)	If insulation option is not available, a text warning is shown here to the user
Mechanical – Flow	
Primary Flow Rate (default)	This tells you the flow that this component is reading from the system through the primary inlet.
Secondary Flow Rate (default)	This tells you the flow that this component is reading from the system through secondary inlet
Flow Rate Warning (default)	This shows a warning if above flow rates exceed maximum allowable flow rate
Mechanical - Loads	
Pressure Drop Feet of Water (default)	Specify the pressure drop in feet of water.
System Pressure Drop (default)	This tells you the system pressure drop.

Type Properties

Here is a curated list of notable parameters for the Revit user within the 0BCaleffi 548 and NA548 Series Flanged Hydraulic Separator families.

Materials	
Vent Material	Metal - Caleffi - Brass
Seal Material	Rubber - Caleffi - EPDM
Magnet Knob Material	Plastic - Caleffi – Black
Insulation Shell Material	Polyurethane Foam - Caleffi
Air Separator Material	Paint - Caleffi - Green

Identity Data	
Assembly Code	D3040
Contact URL*	http://www.caleffi.com/usa/en-us/contacts/contact-us
Copyright*	©Caleffi North America
Cost	
Description	Hydro Separator
Version*	2
Keynote	
Manufacturer	Caleffi North America, Inc.
Model	NA548300A

Product Page URL*	https://www.caleffi.com/international/en-int/catalogue/hydraulic-separator-pre-formed-insulation-flanged-connections-548052
Standards*	ASME Boiler and Pressure Vessel Code, National Board of Boiler and Pressure Vessel Inspector, and CRN registered
Type Comments	
Type Image	
Series*	NA548 Series
URL	https://www.caleffi.com/usa/en-us

Halftone text in the property tables indicates that the value is locked from editing.
*Indicates Shared Parameter and can be scheduled

Rendering

Note: Standard Caleffi materials are imported. These may be modified, but please ensure that the modification selection matches an actual manufacturer supplied option.

Loading and Placing into the Project

To work with the 0BCaleffi 548 and NA548 Series Flanged Hydraulic Separator in Revit, multiple families and variations within type catalogs are provided. Navigate to the Insert Tab > Load Family button on the Revit ribbon to load the family. Be sure the type catalog (.txt) file is located in the same folder as the family you are loading.

Please ensure that the visibility settings within the project are modified to have the Piping category visible.
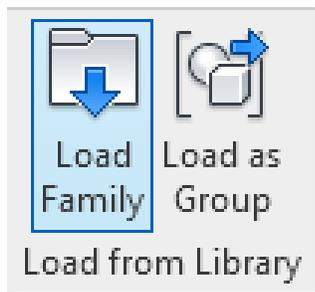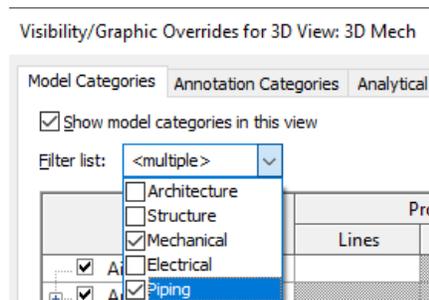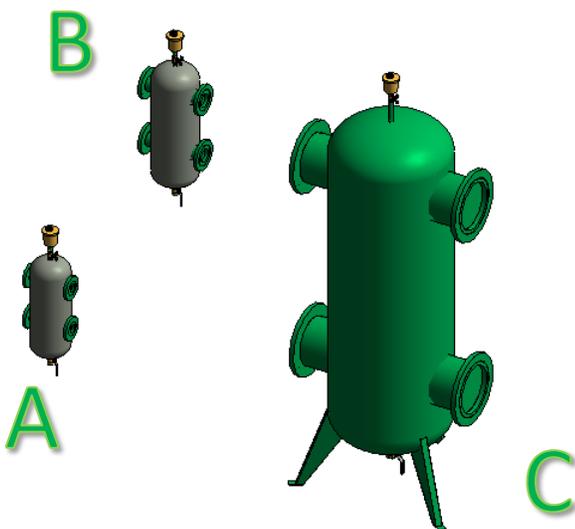

Figure 1 - Insert Tab > Load Family

Figure 2 - Visibility/Graphic Overrides

Some example variations of the flanged hydraulic separator:

A. 2.5" NA548062A
B. 4" NA508102A
C. 14" NA548350A

Figure 3 - 0BCaleffi 548 and NA548 Series Flanged Hydraulic Separator examples

Caleffi North America

Project Behavior

One way to place a 0BCaleffi 548 and NA548 Series Flanged Hydraulic Separator is to go to the Systems Tab on the Revit ribbon and navigate to the Component button with Place a Component fly-out selected.
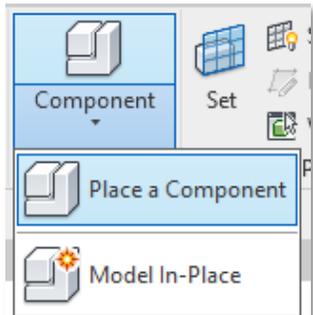

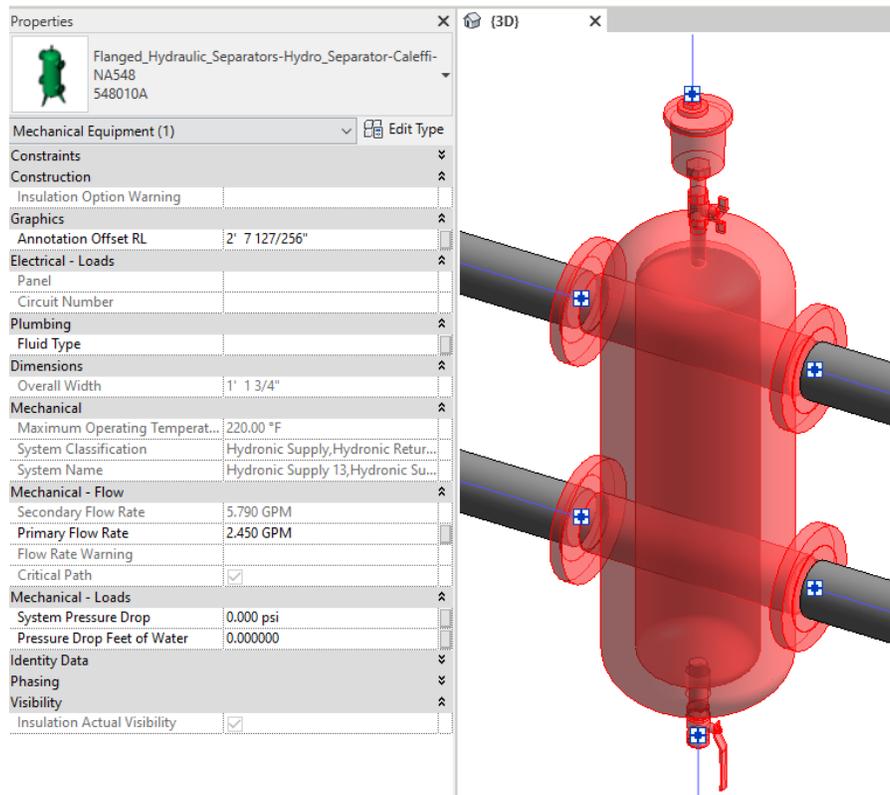*Figure 4 - Systems Tab > Component > Place a Component*

Figure 5 – The 0BCaleffi 548 and NA548 Series Flanged Hydraulic Separator families can be found under pipe accessories in the project browser and placed directly onto pipe of the same size. It will then read flows and consider pressure drop in the system.

Schedule Creation

Within the type and instance properties dialogues, the Revit user will find useful information for scheduling purposes such as Type, Part Description, Part Number/Model, Family Version, Manufacturer, Series, & Product Page URL. The resulting Mechanical Equipment schedule in your project will show counts/quantities of the 0BCaleffi 548 and NA548 Series Flanged Hydraulic Separator as well as separate quantities/counts of any separately purchased accessory products that do not come in box with the 0BCaleffi 548 and NA548 Series Flanged Hydraulic Separator.

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