

## In-Line Hydraulic Separators (5495, 548)

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5495, 548 Series

### Revit Content Instructions Guide

**Manufacturer & Product:** Caleffi 5495, 548 Series In-line Hydraulic Separator

**Files:**

Hydraulic\_Separator-Caleffi-5495-Union\_Inline.rfa

Hydraulic\_Separator-Caleffi-548-Union\_Inline.rfa

Hydraulic\_Separator-Caleffi-5495-Union\_Inline.txt

Hydraulic\_Separator-Caleffi-548-Union\_Inline.txt

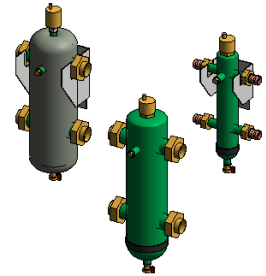
**Type Catalog:**

**Rendering file:**

Not Applicable

**Schedule file:**

Not Applicable



These families contain the following main variations or types:

- Size variations: 1", 1.25", 1.5" and 2"
- Connection Types: NPT Female, Sweat and Press
- Insulation shell available

### Instance Properties

Here is a curated list of notable parameters for the Revit user within the Caleffi 5495, 548 Series In-line Hydraulic Separator families.

Construction	
Insulation Shell (default)	If insulation option is not available, a text warning is shown here to the user
Wall Mount (default)	Specify if wall mount accessory is enabled
Plumbing	
Fluid Type (default)	Specify the fluid type through the system
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.
Identity Data	
Accessory Part Number	This shows the part number of insulation shell if enabled

### Type Properties

Here is a curated list of notable parameters for the Revit user within the Caleffi 5495, 548 Series In-line Hydraulic Separator families.

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

Identity Data	
Assembly Code	D3040
Contact URL*	<a href="http://www.caleffi.com/usa/en-us/contacts/contact-us">http://www.caleffi.com/usa/en-us/contacts/contact-us</a>
Copyright*	©Caleffi North America
Cost	
Description	Union Combination Air, Dirt, Hydraulic, and Magnetic Separator
Version*	3
Keynote	

Manufacturer	Caleffi North America, Inc.
Model	549506A
Product Page URL*	<a href="https://www.caleffi.com/en-us/4-in-1-hydraulic-separators-union-5495-caleffi-549596a">https://www.caleffi.com/en-us/4-in-1-hydraulic-separators-union-5495-caleffi-549596a</a>
Type Comments	
Type Image	
Series*	5495 Series
URL	<a href="https://www.caleffi.com/usa/en-us">https://www.caleffi.com/usa/en-us</a>

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 Caleffi 5495, 548 Series In-line 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.

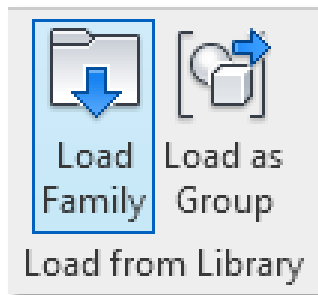


Figure 1 - Insert Tab > Load Family

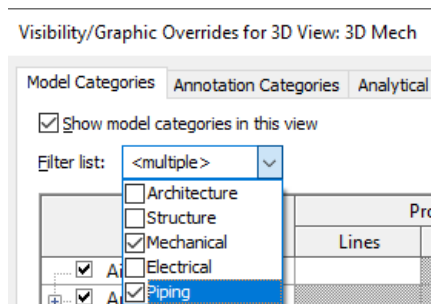
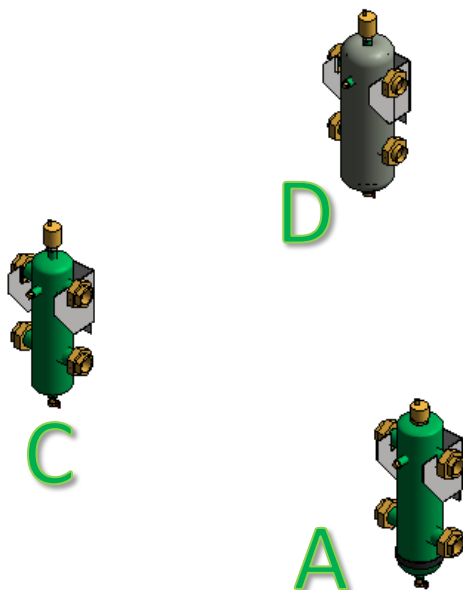


Figure 2 - Visibility/Graphic Overrides



- A. 2in. NPT Female 549509A with Wall Mount
- B. 2in. Sweat 549599A
- C. 2in. NPT Female 548009A with Wall Mount
- D. 2in. Sweat 548099A with Wall Mount and Insulation Shell (NA10808)

Figure 3 - Caleffi 5495, 548 Series In-line Hydraulic Separator examples

## Project Behavior

One way to place a Caleffi 5495, 548 Series In-line 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.

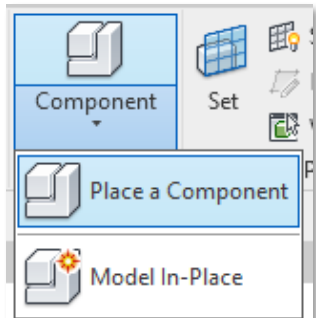


Figure 4 - Systems Tab > Component > Place a Component

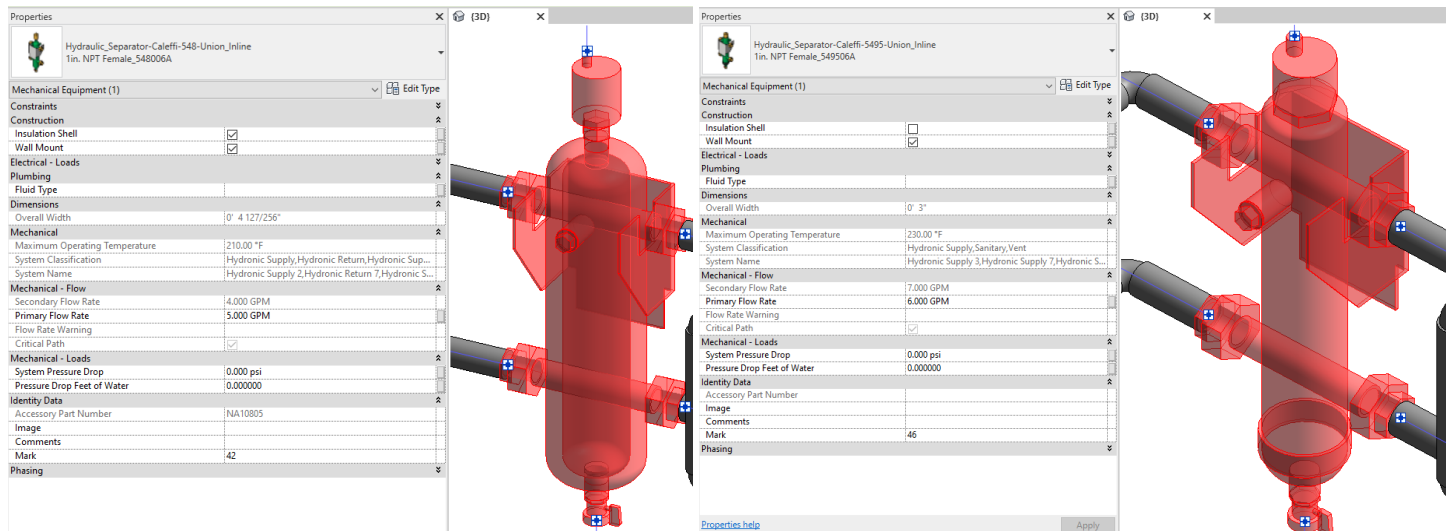


Figure 5 – The Caleffi 5495, 548 Series In-line Hydraulic Separator families can be found under pipe accessories in the project browser and placed directly onto pipe of the same size. It will then read flows and consider pressure drop in the system.

## 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 Caleffi 5495, 548 Series In-line Hydraulic Separator as well as separate quantities/counts of any separately purchased accessory products that do not come in box with the Caleffi 5495, 548 Series In-line Hydraulic Separator.