

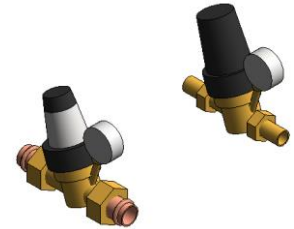
## PresCal™ Pressure Reducing Valve

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535H Series

### Revit Content Instructions Guide

<b>Manufacturer &amp; Product:</b>	Caleffi 535H PresCal Pressure Reducing Valve
<b>Files:</b>	<i>Preadjustable_Pressure_Reducing_Valve-PresCal-Caleffi-Brass-535H.rfa</i>
<b>Type Catalog:</b>	<i>Preadjustable_Pressure_Reducing_Valve-PresCal-Caleffi-Brass-535H.txt</i>
<b>Rendering file:</b>	Not Applicable
<b>Schedule file:</b>	Not Applicable



This family contains the following main variations or types:

- 0.5in. Sweat\_535940HA
- 0.5in. Sweat w/Pressure Gauge
- 0.5in. FNPT\_535340HA
- 0.5in. FNPT w/Pressure Gauge
- 0.75in. Sweat\_535950HA
- 0.75in. Sweat w/Pressure Gauge
- 0.75in. FNPT\_535350HA
- 0.75in. FNPT w/Pressure Gauge
- 0.75in. Press\_535650HA
- 0.75in. Press w/Pressure Gauge
- 0.75in. PEX Crimp\_535750HA
- 0.75in. PEX Crimp w/Pressure Gauge\_535751HA
- 0.75in. PEX Expansion\_535550HA
- 0.75in. PEX Expansion w/Pressure Gauge\_535551HA
- 1in. Sweat\_535960HA
- 1in. Sweat w/Pressure Gauge
- 1in. FNPT\_535360HA
- 1in. FNPT w/Pressure Gauge
- 1in. Press\_535660HA
- 1in. Press w/Pressure Gauge
- 1in. PEX Crimp\_535760HA
- 1in. PEX Crimp w/Pressure Gauge\_535761HA
- 1in. PEX Expansion\_535560HA
- 1in. PEX Expansion w/Pressure Gauge\_535561HA
- 1.25in. Sweat\_535970HA
- 1.25in. Sweat w/Pressure Gauge
- 1.25in. FNPT\_535370HA
- 1.25in. FNPT w/Pressure Gauge
- 1.25in. Press\_535670HA
- 1.25in. Press w/Pressure Gauge
- 1.5in. Sweat\_535980HA
- 1.5in. Sweat w/Pressure Gauge
- 1.5in. FNPT\_535380HA
- 1.5in. FNPT w/Pressure Gauge
- 1.5in. Press\_535680HA
- 1.5in. Press w/Pressure Gauge
- 2in. Sweat\_535990HA
- 2in. Sweat w/Pressure Gauge
- 2in. FNPT\_535390HA
- 2in. FNPT w/Pressure Gauge
- 2in. Press\_535690HA
- 2in. Press w/Pressure Gauge

## Instance Properties

Here is a curated list of notable parameters for the Revit user within the Caleffi 535H PresCal Pressure Reducing Valve family.

Construction	
UV Protection Cover (default)	This controls the visibility of the UV protection cover.
Mechanical - Flow	
Design Flow Rate (default)	This tells you the flow that this component is reading in the system.
Flow Warning (default)	This tells you a warning if the flow rate exceeds the maximum allowable.
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.
Mechanical	
Differential Pressure (default)	Specify the differential pressure.

## Type Properties

Here is a curated list of notable parameters for the Revit user within the Caleffi 535H PresCal Pressure Reducing Valve family.

Materials	
Seat Material	Metal - Caleffi - Stainless Steel
Valve Body Material	Metal - Caleffi - Brass
Pressure Operating Knob Material	Plastic - Caleffi - Black
Pressure Operating Knob UV Protection Material	Plastic - Caleffi - Black
Pressure Gauge Material	Metal - Caleffi - Stainless Steel

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	Pre-adjustable pressure reducing valve with or without pressure gauge
Family Version*	1
Keynote	
Manufacturer	Caleffi North America, Inc.
Model	535691HA
Product Page URL*	<a href="https://www.caleffi.com/usa/en-us/catalogue/prescaltm-pressure-reducing-valve-low-lead-pre-adjustable-535940ha">https://www.caleffi.com/usa/en-us/catalogue/prescaltm-pressure-reducing-valve-low-lead-pre-adjustable-535940ha</a>
Type Comments	
Type Image	
Series*	535H Series
Standards*	ASSE 1003; CSA B356; NSF/ANSI/CAN 372; NSF/ANSI/CAN 61; Reduction of Lead in Drinking Water Act; S.3874; UL 2043
URL	<a href="https://www.caleffi.com/usa/en-us">https://www.caleffi.com/usa/en-us</a>

Half-tone 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 535H PresCal Pressure Reducing Valve in Revit, a family and a type catalog 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.

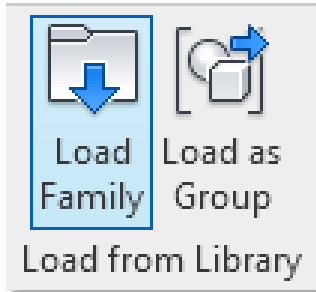


Figure 1 - Insert Tab > Load Family

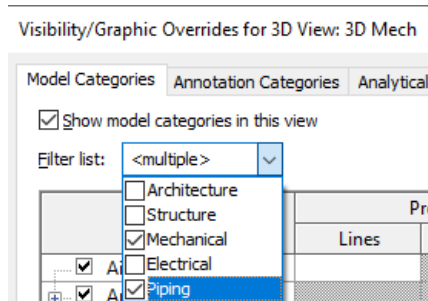
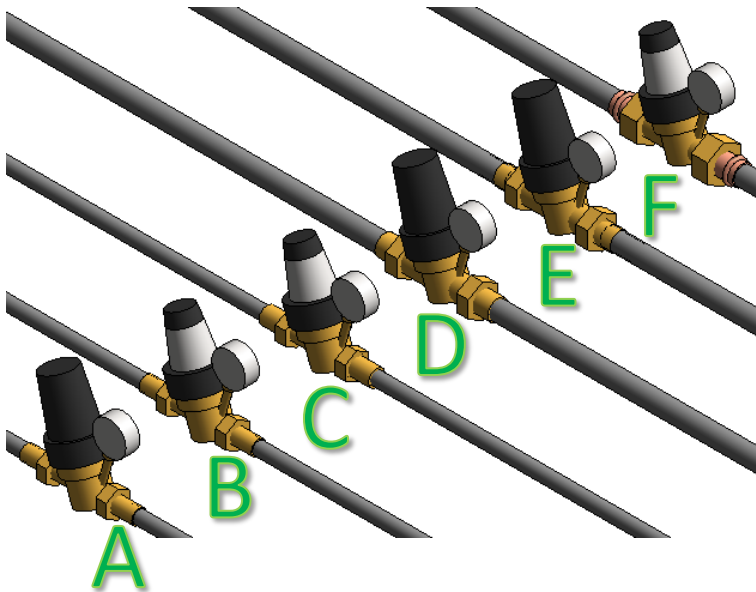


Figure 2 - Visibility/Graphic Overrides



- A. 535H PresCal with Sweat tailpieces
  - Shown with UV Protection
- B. 535H PresCal with Sweat tailpieces
- C. 535H PresCal with FNPT tailpieces
- D. 535H PresCal with PEX Crimp tailpieces
  - Shown with UV Protection
- E. 535H PresCal with PEX expansion tailpieces
  - Shown with UV Protection
- F. 535H PresCal with Press tailpieces

Figure 3 - Caleffi 535H PresCal Pressure Reducing Valve

## Project Behavior

One way to place a Caleffi 535H PresCal Pressure Reducing Valve is to go to the Systems Tab on the Revit ribbon and navigate to the Component button with Place a Component fly-out selected.

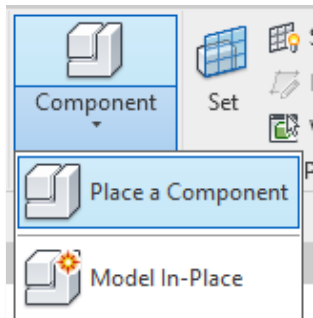


Figure 4 - Systems Tab > Component > Place a Component

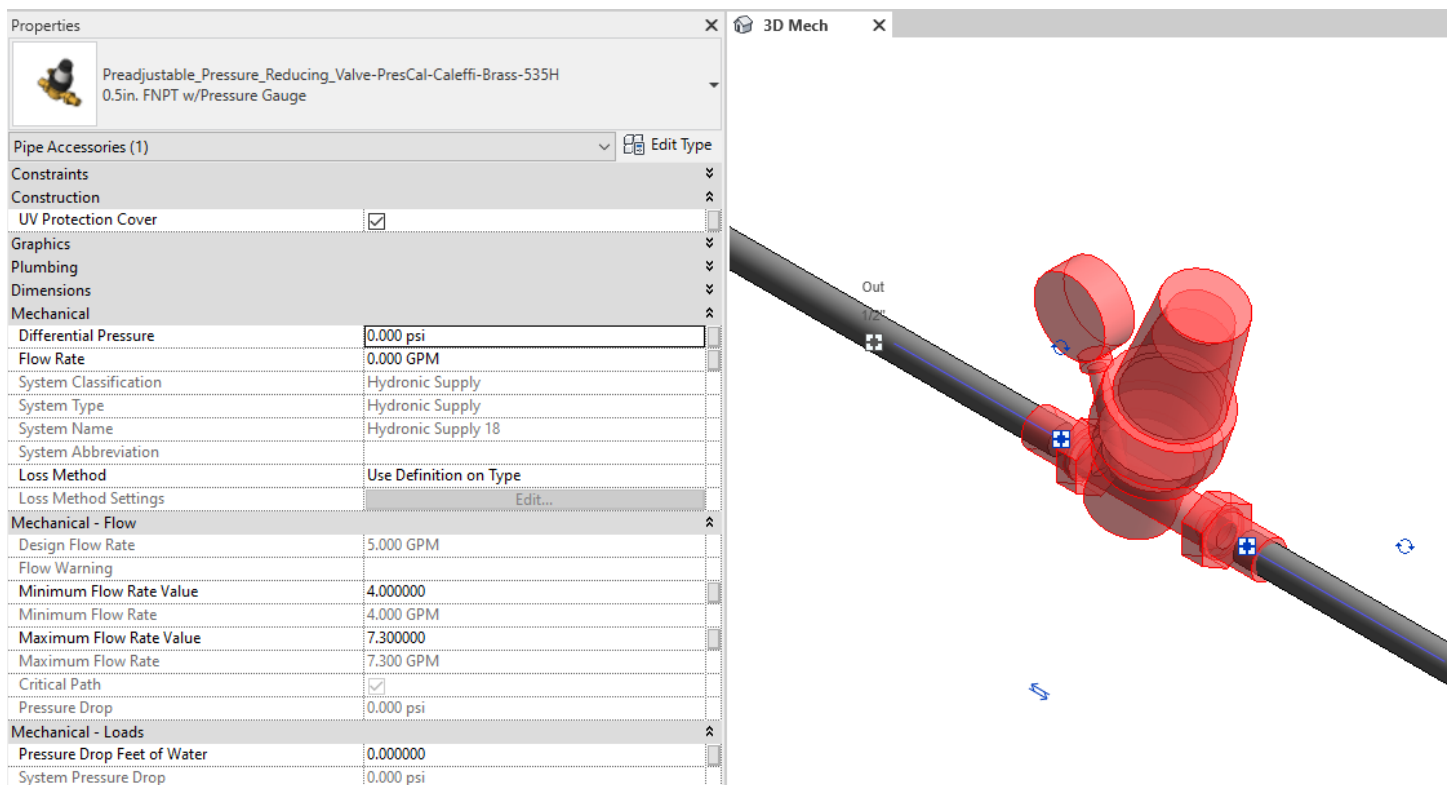


Figure 5 – The Caleffi 535H PresCal Pressure Reducing Valve family can be found under pipe accessories in the project browser and placed directly onto pipe of the same size. It will then read flows and consider pressure drop in the system. Options such as selecting the visibility of a UV Protection Cover are available.

## 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 Pipe Accessories schedule in your project will show counts/quantities of the Caleffi 535H PresCal Pressure Reducing Valve as well as separate quantities/counts of any separately purchased accessory products that do not come in box with the Caleffi 535H PresCal Pressure Reducing Valve.