

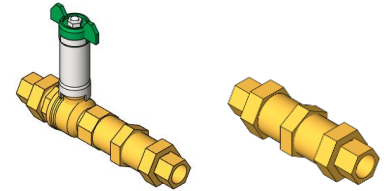
FlowShield™ DuC

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3048 Series

Revit Content Instructions Guide

Manufacturer & Product: Caleffi Dual Check Backflow Preventer 3048 Series
Files: *Dual_Check_Backflow_Preventer-Caleffi-3048_Series.rfa*
Type Catalogs: *Dual_Check_Backflow_Preventer-Caleffi-3048_Series.txt*
Rendering file: Not Applicable
Schedule file: Not Applicable



The Caleffi Dual Check Backflow Preventer 3048 Series family contain the following main variations or types:

- Sizes 0.5 in., 0.75 in. and 1 in.
- Connection types MNPT, Press, Sweat, PEX Crimp, PEX Expansion

Instance Properties

Here is a curated list of notable parameters for the Revit user within the Caleffi Dual Check Backflow Preventer 3048 Series family.

Construction	
► Isolation Valve on Inlet	This controls visibility of the isolation valve on the inlet.
► Isolation Valve on Inlet Stem Extension	This controls visibility of the isolation valve stem extension on the inlet.
► Isolation Valve on Outlet	This controls visibility of the isolation valve on the outlet.
► Isolation Valve on Outlet Stem Extension	This controls visibility of the isolation valve stem extension on the outlet.
Graphics	
Isometric Single Lines	This controls the visibility of the 2D symbol in Elevation Views
Plan Single Lines	This tells you if the 2D symbol is visible in Plan View
Mechanical – Flow	
Design Flow Rate	This tells you the flow that this component is reading in the system.
Flow Warning	This tells you a warning if the flow rate falls outside the allowable minimum/maximum
Mechanical – Loads	
Pressure Drop Feet of Water	Specify the pressure drop in feet of water.
System Pressure Drop	This tells you the system pressure drop.

Type Properties

Here is a curated list of notable parameters for the Revit user in the Caleffi Dual Check Backflow Preventer 3048 Seriesfamily.

Materials	
Body Material	Metal - Caleffi - Brass
Fitting Material	Metal - Caleffi – Brass, Metal - Caleffi - Copper
Identity Data	
Assembly Code*	D2090300
Contact URL*	https://www.caleffi.com/usa/en-us/contacts/contact-us
Copyright*	©Caleffi North America
Cost	
Description*	Dual Check Backflow Preventer
Family Version*	1
Keynote	
Manufacturer*	Caleffi North America, Inc.
Model*	304843A
Product Page URL*	https://www.caleffi.com/international/en-int/products/search?query=3048
Type Comments	
Type Image	
Series*	3048 Series

Standards*	IPC, IRC,UPC, NSF/ANSI/CAN 372, NSF/ANSI/CAN 61, ICC-ES certified to ASSE 1024 and CSA 64.5
URL*	http://www.caleffi.com/usa/en-us
Revit Content Guide URL*	https://www.caleffi.com/usa/en-us/docs/search?search_language=en-us&search_file_type=All&f%5B0%5D=field_file_type%3A54181

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 Dual Check Backflow Preventer 3048 Series in Revit, families and type catalogs where applicable 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.

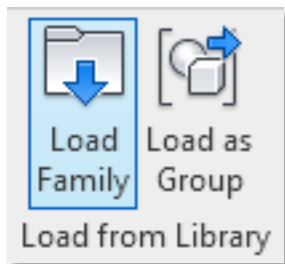


Figure 1 - Insert Tab > Load Family

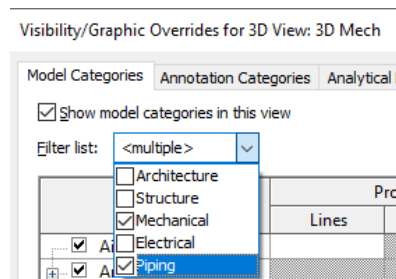


Figure 2 - Visibility/Graphic Overrides

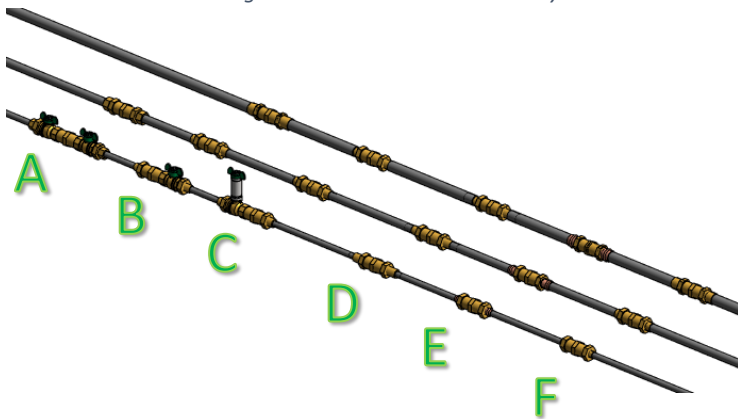


Figure 3 - Caleffi Dual Check Backflow Preventer 3048 Series

3048 Series Backflow Preventer

- A. 0.5in. and 0.75in. sizes, with FNPT connection, with 290030 valve on inlet and outlet on 0.5in.
- B. 0.5in., 0.75in. and 1in. sizes with MNPT connection, with 290030 valve on outlet on 0.5in.
- C. 0.5in., 0.75in. and 1in. sizes with PEX Crimp connection, with 290030 valve with stem extension on inlet on size 0.5in.
- D. 0.5in., 0.75in. and 1in. sizes with PEX Expansion connection
- E. 0.5in., 0.75in. and 1in. sizes with Press connection
- F. 0.5in., 0.75in. and 1in. sizes with Sweat connection

Project Behavior

One way to place a Caleffi Dual Check Backflow Preventer 3048 Series is to go to the Systems Tab on the Revit ribbon and navigate to the Component button with Place a component fly-out selected.

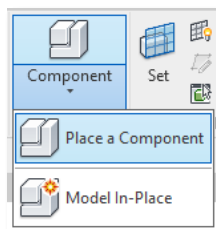


Figure 4 - Systems Tab > Component > Place a Component

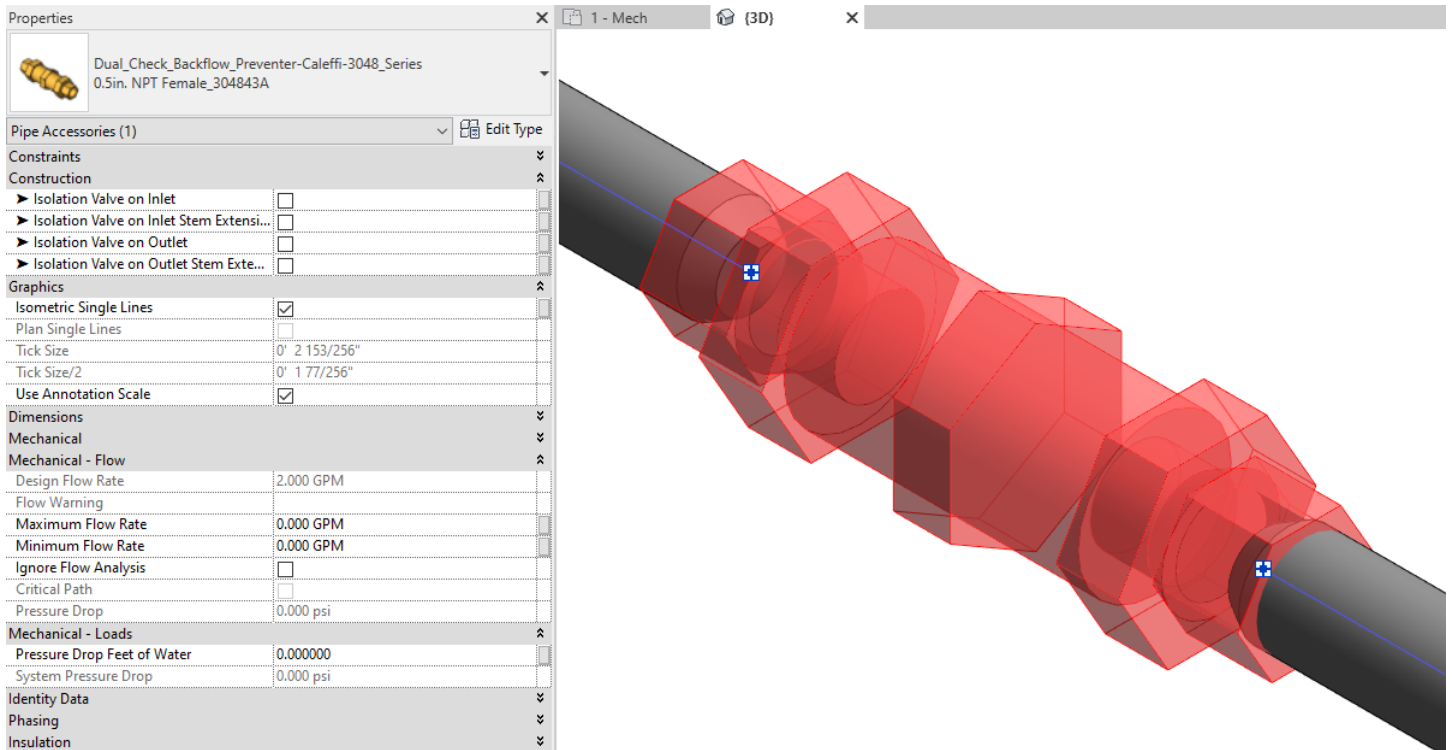


Figure 5 – The Caleffi Dual Check Backflow Preventer 3048 Series families can be found under pipe accessories in the project browser and placed directly onto pipe of the same size. It will then read flows and consider pressure drop in the system.

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 Pipe Accessories schedule in your project will show counts/quantities of the Caleffi Dual Check Backflow Preventer 3048 Series as well as separate quantities/counts of any separately purchased accessory products that do not come in box with the Caleffi Dual Check Backflow Preventer 3048 Series.

**For Technical Support call 1-414-338-6338, or
email techsupport.us@caleffi.com**

