6762, 6767 High Performance Zone Valve

6762, 6767 Series

Revit Content Instructions Guide

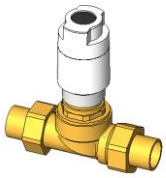
Manufacturer & Product: **Caleffi 6767 and 6762 Zone Valve**

Files: *Zone_Valve-High_Performance-TwisTop-Caleffi-6767.rfa*
Zone_Valve-High_Performance-TwisTop-Caleffi-6762.rfa

Type Catalogs: Not Applicable

Rendering file: Not Applicable

Schedule file: Not Applicable



This family contains the following main variations or types:

- Sizes available: 0.5in, 0.75in. and 1 in.
- Connection types include PEX Expansion, Sweat, Press
- Option to add 290030/290031 Valve on each inlet/outlet

All the above variations are included as separate types in the family

Instance Properties

Here is a curated list of notable parameters for the Revit user within the Caleffi 6767 and 6762 Zone Valve family.

Construction	
Inlet Isolation Valve (default)	This controls the isolation valve type on the inlet.
(0) No Isolation Valve on Inlet (default)	This is active if no isolation valve is selected on inlet
(1) 290030 Isolation Valve on Inlet (default)	This is active if 290030 isolation valve is selected on inlet
(2) 290031 Isolation Valve on Inlet (default)	This is active if 290031 isolation valve is selected on inlet
Outlet Isolation Valve (default)	This controls the isolation valve type on the outlet.
(0) No Isolation Valve on Outlet (default)	This is active if no isolation valve is selected on outlet
(1) 290030 Isolation Valve on Outlet (default)	This is active if 290030 isolation valve is selected on outlet
(2) 290031 Isolation Valve on Outlet (default)	This is active if 290031 isolation valve is selected on outlet
Mechanical - Flow	
Flow Rate (default)	This tells you the flow that this component is reading in the system.
Flow Rate Bypass (default)	This tells you the flow that this component is reading from the system through bypass
Flow Rate Outlet (default)	This tells you the flow that this component is reading from the system through outlet
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.

When the isolation valve check box is selected for the family, isolation valve is placed on the port corresponding to the box checked if available.

Type Properties

Here is a curated list of notable parameters for the Revit user within the Caleffi 6767 and 6762 Zone Valve family.

Identity Data	
Assembly Code	D3040
Contact URL*	http://www.caleffi.com/usa/en-us/contacts/contact-us
Copyright*	©Caleffi North America
Cost	
Description	Two-way thermo-electric zone valve.
Version*	2
Keynote	
Manufacturer	Caleffi North America, Inc.
Model	676759A

Product Page URL*	https://www.caleffi.com/usa/en-us/catalogue/twistoptm-high-performance-zone-valve-676756a
Type Comments	
Type Image	
Series*	6767
URL	https://www.caleffi.com/usa/en-us

6762 Zone Valve

Identity Data	
Assembly Code	D3040
Contact URL*	http://www.caleffi.com/usa/en-us/contacts/contact-us
Copyright*	©Caleffi North America
Cost	
Description	Two-way thermo-electric zone valve.
Version*	3
Keynote	
Manufacturer	Caleffi North America, Inc.
Model	676259A
Product Page URL*	https://www.caleffi.com/en-us/2-way-thermo-electric-zone-valve-676-caleffi-676256a
Type Comments	
Type Image	
Series*	6762
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 Caleffi 6767 and 6762 Zone 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.

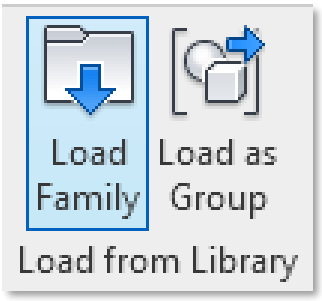


Figure 1 - Insert Tab > Load Family

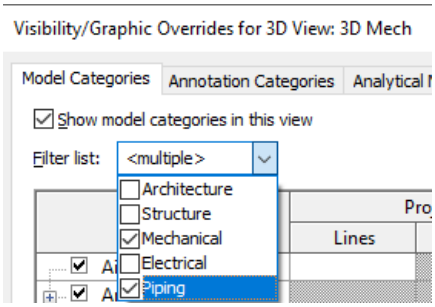
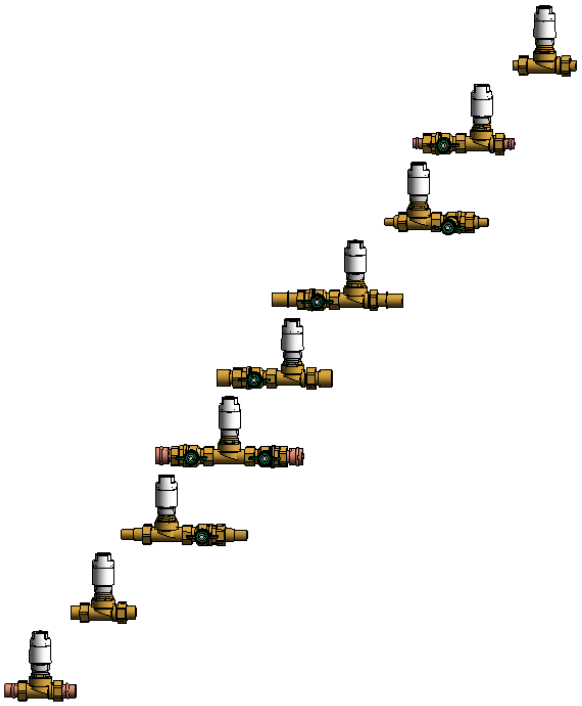


Figure 2 - Visibility/Graphic Overrides



Examples variations of 6767 and 6762 Series Zone Valves (bottom to top)

A. 0.75in. Press 676756A
B. 0.75in. Sweat 676759A
C. 0.75in. PEX Expansion 676758A w/ 290030 valve on outlet
D. 1in. Press 676766A w/ 290030 valve on inlet and outlet
E. 1in. Sweat 676769A w/ 290030 valve on inlet
F. 1in. PEX Expansion 676268A w/ 290030 valve on inlet
G. 0.5in. PEX Expansion 676248A w/ 290031 valve on outlet
H. 0.5in. Press 676246A w/ 290030 valve on inlet
I. 0.5in. Sweat 676249A

Figure 3 - Caleffi 6767 and 6762 Zone Valve examples

Project Behavior

One way to place a Caleffi 6767 and 6762 Zone 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.

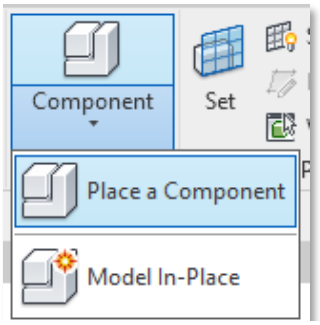


Figure 4 - Systems Tab > Component > Place a Component

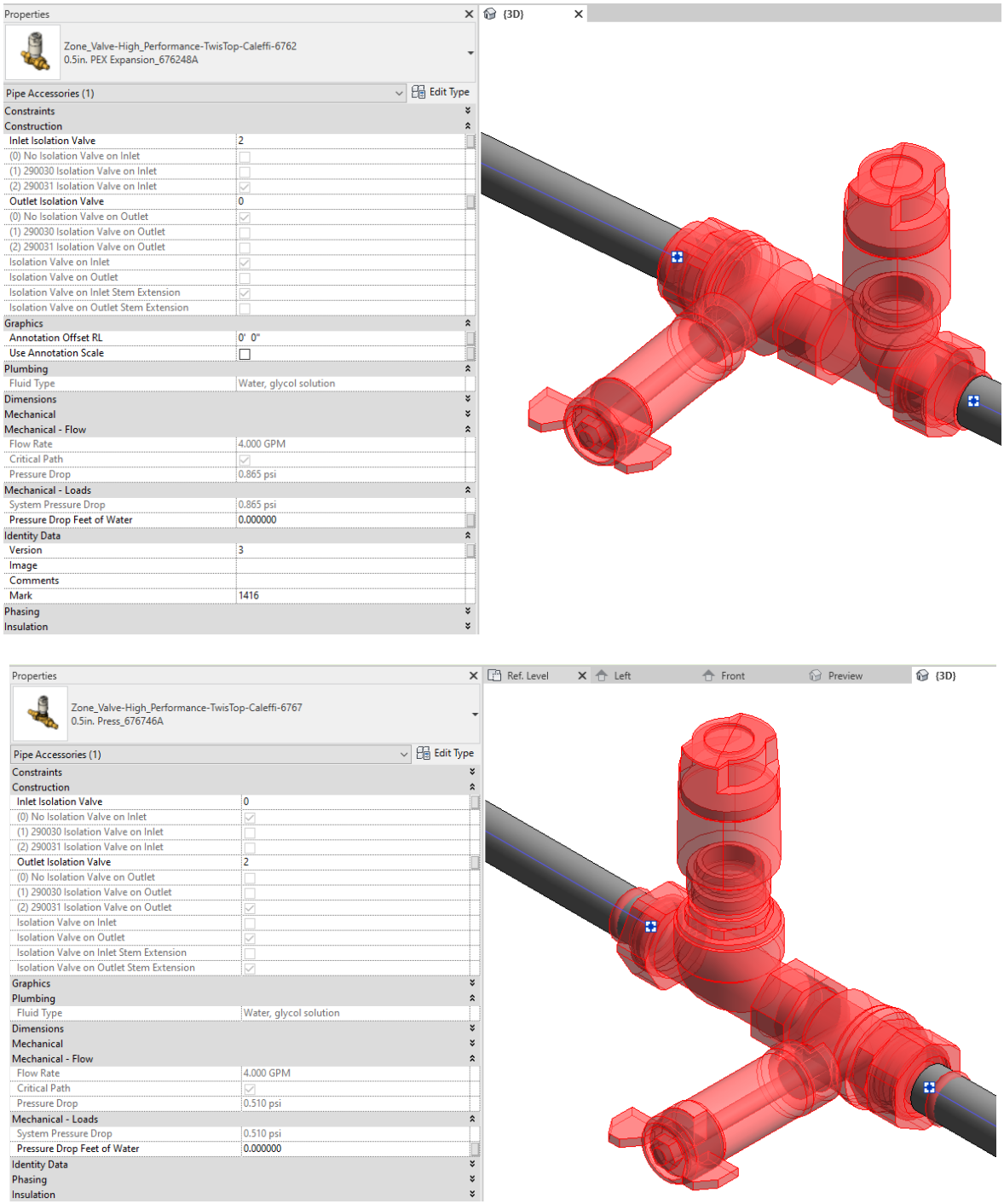


Figure 5 – The Caleffi 6767 and 6762 Zone Valve families can be found under pipe accessories in the project browser and placed directly onto pipe of the same size. It will then read flows and consider pressure drop in the system.

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 6767 and 6762 Zone Valve as well as separate quantities/counts of any separately purchased accessory products that do not come in box with the Caleffi 6767 and 6762 Zone Valve.

CALEFFI Hydronic Solutions
Caleffi North America, Inc.
3883 West Milwaukee Road
Milwaukee, WI 53208
T: 414.238.2360 F: 414.238.2366