# Union Y-strainers

**128 Series**

## Revit Content Instructions Guide

| | |
|---|---|
| **Manufacturer & Product:** | **Caleffi Union Y-Strainer 128 Series** |
| **Files:** | *Union-Y_Strainer-Caleffi-128.rfa* |
| **Type Catalogs:** | *Union-Y_Strainer-Caleffi-128.txt* |
| **Rendering file:** | Not Applicable |
| **Schedule file:** | Not Applicable |
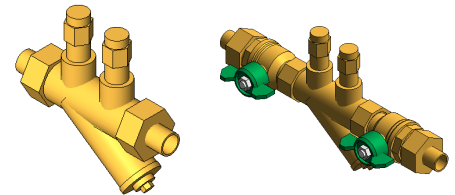
**The 128 Series Union Y-Strainer, complete with two(2) PT ports and blowdown port, family contain the following main variations or types**:

- 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 Union Y-Strainer 128 Series family.

| **Construction** | |
|---|---|
| ➤ Isolation Valve on Inlet (default) | This controls visibility of the isolation valve on the inlet. |
| ➤ Isolation Valve on Inlet Stem Extension (default) | This controls visibility of the isolation valve stem extension on the inlet. |
| ➤ Isolation Valve on Outlet (default) | This controls visibility of the isolation valve on the outlet. |
| ➤ Isolation Valve on Outlet Stem Extension (default) | This controls visibility of the isolation valve stem extension on the outlet. |
| **Graphics** | |
| Isometric Single Lines (default) | This controls the visibility of the 2D symbol in Elevation Views |
| Plan Single Lines (default) | This tells you if the 2D symbol is visible in Plan View |
| **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 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 Union Y-Strainer 128 Series family.

| **Materials** | |
|---|---|
| Body Material | Metal - Caleffi - Brass |
| Fitting Material | Metal - Caleffi – Brass, Metal - Caleffi - Copper |
| **Identity Data** | |
| Assembly Code | D2090800 |
| Contact URL* | https://www.caleffi.com/usa/en-us/contacts/contact-us |
| Copyright* | ©Caleffi North America |
| Cost | |
| Description | Low-lead union Y-strainer |
| Family Version* | 1 |
| Keynote | |
| Manufacturer | Caleffi North America, Inc. |
| Model | 128741000 |
| Product Page URL* | https://www.caleffi.com/usa/en-us/catalogue/union-y-strainer-npt-128741000 |
| Type Comments | |
| Type Image | |
| Series* | 128 Series |

| Standards* | NSF/ANSI/CAN 372; S.3874; Vermont Act 193; Maryland's Lead Free Law; Reduction of Lead in Drinking Water Act - California Health and Safety Code 116875 |
|---|---|
| URL | http://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 Union Y-Strainer 128 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.
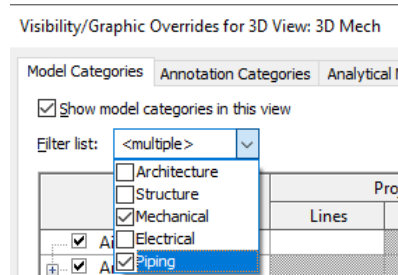


*Figure 1 - Insert Tab > Load Family*
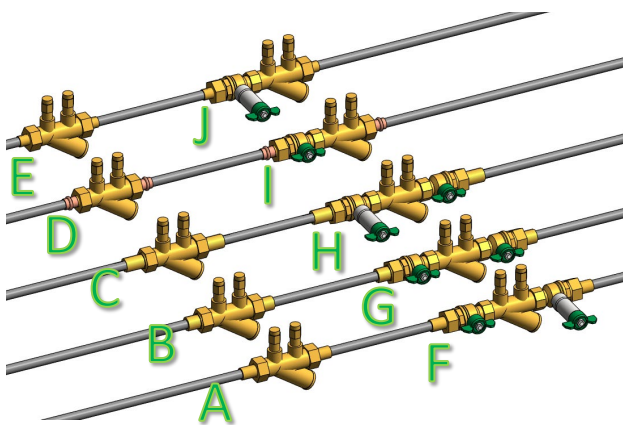


*Figure 2 - Visibility/Graphic Overrides*



*Figure 3 - 0BCaleffi Union Y-Strainer 128 S...*

A.  128 Series Union Y-Strainer with MNPT tailpieces
B.  128 Series Union Y-Strainer with PEX Crimp tailpieces
C.  128 Series Union Y-Strainer with PEX Expansion tailpieces
D.  128 Series Union Y-Strainer with Press tailpieces
E.  128 Series Union Y-Strainer with Sweat tailpieces
F.  128 Series Union Y-Strainer with MNPT tailpieces with 290030 valve on inlet and outlet (with stem extension)
G.  128 Series Union Y-Strainer with PEX Crimp tailpieces with 290030 valve on inlet and outlet
H.  128 Series Union Y-Strainer with PEX Expansion tailpieces with 290030 valve on inlet (with stem extension) and outlet
I.  128 Series Union Y-Strainer with Press tailpieces with 290030 valve on inlet
J.  128 Series Union Y-Strainer with Sweat tailpieces with 290030 valve on inlet with stem extension

# Project Behavior

One way to place a Caleffi Union Y-Strainer 128 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.
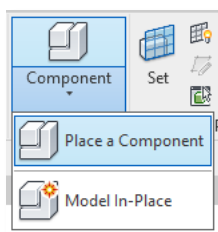


*Figure 4 - Systems Tab > Component > Place a Component*
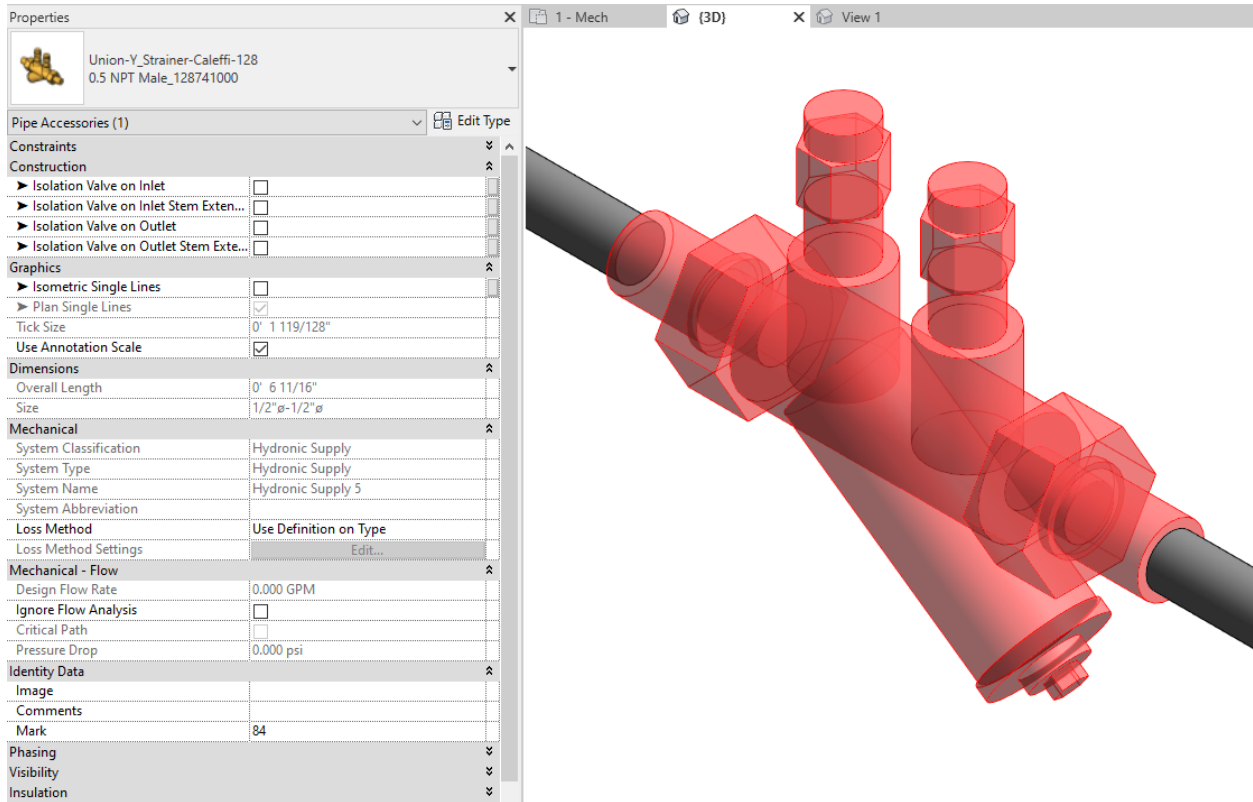
Caleffi North America

*Figure 5 – The Caleffi Union Y-Strainer 128 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 Union Y-Strainer 128 Series as well as separate quantities/counts of any separately purchased accessory products that do not come in box with the Caleffi Union Y-Strainer 128 Series.