

**DIRTMAG® PRO**

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**5463AM Series**

## Revit Content Instructions Guide

<b>Manufacturer &amp; Product:</b>	5463M DIRTMAG Pro
<b>Files:</b>	<i>Dirt_Separator-DIRTMAG_PRO-Caleffi-Brass-5463M.rfa</i>
<b>Type Catalog:</b>	<i>Dirt_Separator-DIRTMAG_PRO-Caleffi-Brass-5463M.txt</i>
<b>Rendering file:</b>	Not Applicable
<b>Schedule file:</b>	Not Applicable



This family contains the following main variations or types:

- 1in. Female NPT\_546306AM
- 1.25in. Female NPT\_546307AM
- 1.5in. Female NPT\_546308AM
- 2in. Female NPT\_546309AM
- 1in. Sweat\_546328AM
- 1.25in. Sweat\_546335AM
- 1.5in. Sweat\_546341AM
- 2in. Sweat\_546354AM
- 1in. Press\_546366AM
- 1.25in. Press\_546367AM
- 1.5in. Press\_546368AM
- 2in. Press\_546369AM

### Instance Properties

Here is a curated list of notable parameters for the Revit user within the 5463M DIRTMAG Pro family.

Construction	
Show Insulation Cover (default)	Specify if insulation cover is included.
No Insulation Cover (default)	This changes based on the selection above.
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.

### Type Properties

Here is a curated list of notable parameters for the Revit user within the 5463M DIRTMAG Pro family.

Materials	
Valve Body Material	Metal - Caleffi – Brass
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	Female threaded dirt separator with dual magnets, Brass body
Family Version*	1
Keynote	
Manufacturer	Caleffi North America, Inc.
Model	546308AM
Product Page URL*	<a href="https://www.caleffi.com/usa/en-us/catalogue/dirtmagr-pro-dirt-separator-dual-magnets-brass-546328am">https://www.caleffi.com/usa/en-us/catalogue/dirtmagr-pro-dirt-separator-dual-magnets-brass-546328am</a>
Type Comments	
Type Image	

Series*	5463AM Series
Standards*	Contact Sales
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 5463M DIRTMAG Pro 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

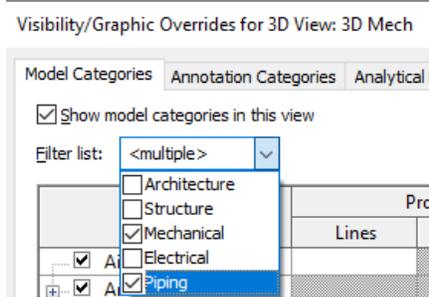
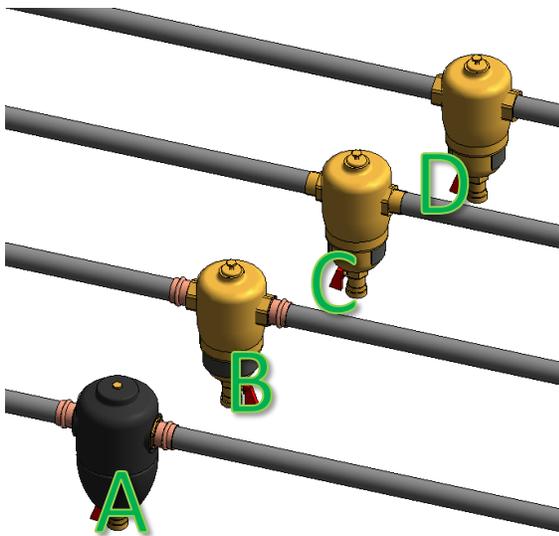


Figure 2 - Visibility/Graphic Overrides



- A. 5463M DIRTMAG Pro with Press connection and insulation
- B. 5463M DIRTMAG Pro with Press connection
- C. 5463M DIRTMAG Pro with Sweat connection
- D. 5463M DIRTMAG Pro with FNPT connection

Figure 3 - 5463M DIRTMAG Pro

## Project Behavior

One way to place a 5463M DIRTMAG Pro is to go to the Systems Tab on the Revit ribbon and navigate to the Component button with Place a Component fly-out selected.

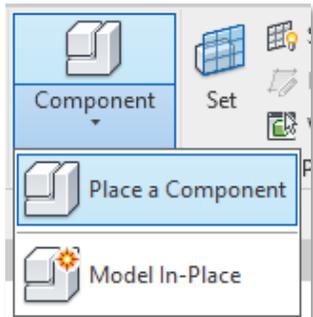


Figure 4 - Systems Tab > Component > Place a Component

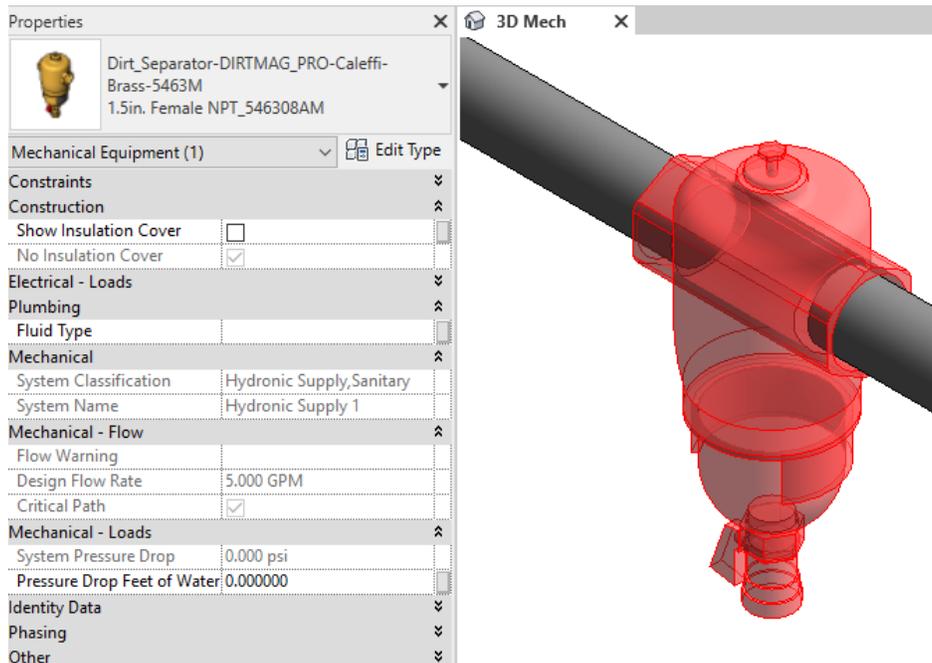


Figure 5 – The 5463M DIRTMAG Pro family can be found under pipe accessories in the project browser and placed directly onto pipe of the same size. It will then read flows and consider pressure drop in the system.

## 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 5463M DIRTMAG Pro as well as separate quantities/counts of any separately purchased accessory products that do not come in box with the 5463M DIRTMAG Pro.