Bosch Commercial and Industrial Heating

Uni 3000 F Hot Water Boiler
Revit Component User Guide

BOSCH
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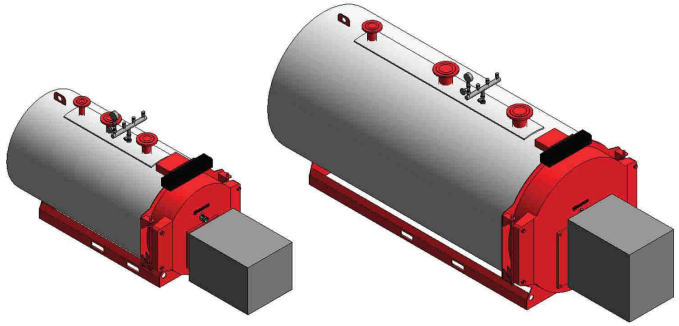
Bosch - Uni 3000 F Hot Water Boiler

Available in 9 outputs the Bosch Uni 3000 F high-efficiency steel boiler utilises reverse flame technology to deliver hot water to heating systems with efficiency up to 93% (NCV)*. Ideally suited to systems requiring a peak load boiler, such as District Heating schemes, that can incorporate a condensing base load boiler or CHP module. 1no. BIM component including 9no. predefined types has been included in the download file to cater for the various outputs from 420kW to1850kW and are illustrated below.



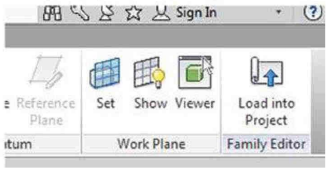
Available in outputs -
420kW, 500kW, 600kW, 730kW, 820kW, 1040kW, 1200kW, 1400kW, 1850kW

Loading the Bosch Uni 3000 F in to your project

The Bosch Uni 3000 F hot water boilers are modelled as mechanical equipment families that can be simply loaded in to your project. This can be done using the following method:

1. Open your Revit project file (.rvt), and navigate to a floor plan view.

2. Now open the Uni 3000 F hot water boiler component (.rfa) you have just downloaded from bimstore. Use the Revit ribbon at the top of the screen to navigate to the 'family editor' and click the 'Load into Project' button.

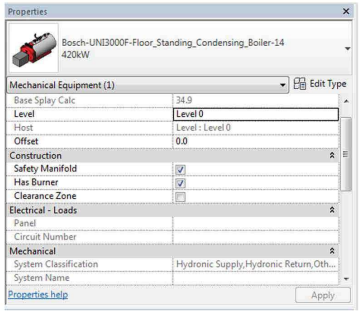


3. The component can now be placed in your project and can also be selected from the 'components' drop down on the main Revit ribbon.

Using the Bosch Uni 3000 F Hot Water boiler additional features

The Bosch Uni 3000 F Hot Water components have a number of additional built-in features to assist the user when specifying and placing the BIM component, these include manufacturer approved clearance zones, optional safety manifold & burner. To use these additional features please follow the steps below;

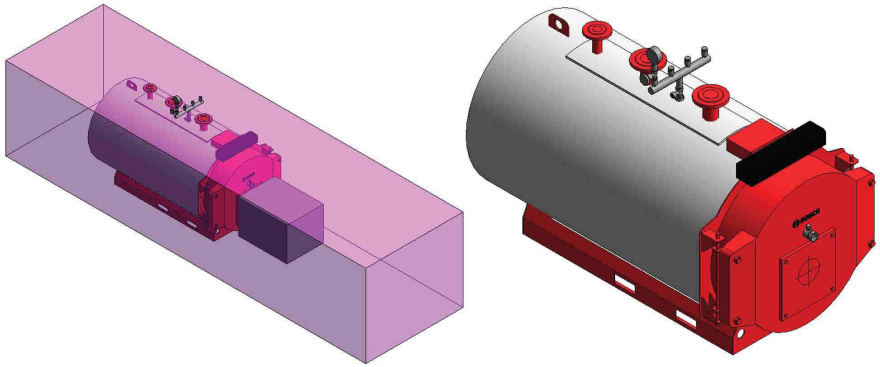
1. With the component loaded and positioned in your project select the Uni 3000 F boiler. Once selected the 'Properties' dialogue box will appear (typically on the left hand side of the screen).



2. Scroll down the 'Properties' dialogue box until you reach the heading 'Construction' as illustrated. Here you have a number of selectable / adjustable features for the safety manifold, burner and clearance zone.

3. Tick the selected option for the 'Clearance Zone' and click 'Apply' to activate it.

4. The 'Safety Manifold' and 'Has Burner' options can be turned on/off in the same fashion. Adjust the parameters accordingly and click 'Apply' to activate.



Other Notes

You can add the Bosch Uni 3000 F Hot Water Boiler components to your company template file, they will then be available without loading when starting a new project.

Revisions

Version 1.0 - First Issue

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