

Riello Burner Secondary air damper

Where the earlier boilers had an adjustable secondary air damper - from around Jan 2019 the Riello burners supplied in Warmflow 16-21kw boilers have a different secondary air damper, that must be modified for use with diesel fuel.

Here are two different types of damper supplied.



This is the first type. This type has to have the disc rotated to the C position to allow more airflow to be available with adjustment. If this is not done, you will NOT be able to attain the correct Co₂ settings when commissioning the boiler.



This one is the latest version with just a plain semicircle damper plate with no Adjustable positioning.

This type has to be modified. The installer must remove enough of the metal plate to allow it to rotate open. The opening must be opened by around an extra 10mm to allow more airflow adjustment.

If this is not done, you will NOT be able to attain the correct Co₂ settings when commissioning the boiler.