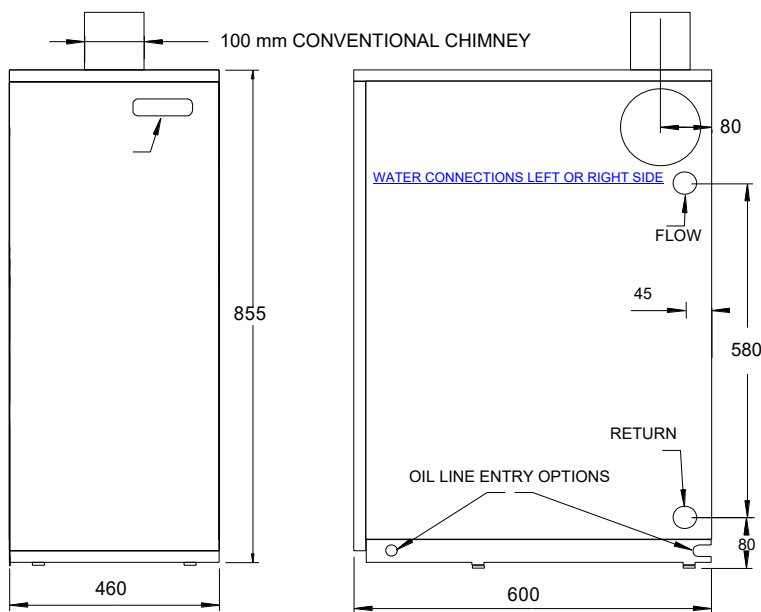


## Hounsfield Non- Condensing Model installation guide

### BOILER SPECIFICATION



Model	Dim. A	Output kW	Output BTU/hr x 1000	Full load efficiency %	Water connections	
					Flow	Return
50-70	460	14-21	50-70	92-93	1" BSP	1" BSP
75-95	460	22-28	75-95	92-93	1" BSP	1" BSP

### **IMPORTANT:**

#### Exemptions for Installation of non-condensing boilers

Referenced document: "Guide to the Condensing Boiler Installation Assessment Procedure for Dwellings"

The assessment is based on a scoring system; if a total score of 1000 points or more is accrued either a condensing or non condensing boiler can be installed. Whatever the score, the boiler does not have to be fitted in the position shown on the assessment form, which will have been chosen for "least cost" without regard for householder preference. **The householder can decide what's best for them.** OFTEC produce an assessment form (CD30) or you can download the Building Regulations version from our web site.

#### What size boiler?

All too often a 'like for like' (kW / BTU output) replacement boiler is installed without due consideration given to improvements made to the property structure. Boiler technology and efficiency have moved on, a "like for like" replacement can cause short cycling as heat produced by the boiler cannot dissipate efficiently.

Another consideration is that historically a 3kW allowance was made for DHW for gravity systems fed systems, that's no longer necessary with modern heating controls.

## Electrical

Fire valve sensor retaining clip



### OPTION

A control panel with an integral frost thermostat for garage installations. Pt. No. EL20008

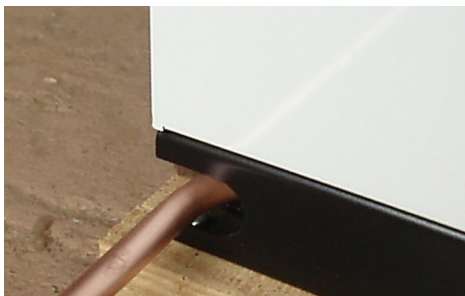
Plug & socket connections for mains power and burner.

## Fuel supply

### IMPORTANT:

Hounsfield Boilers utilise a single pipe suction lift fuel supply system; it's essential to keep the number of joints between the oil tank and the burner to a minimum, use pipe benders rather than fittings.

Note. One of the advantages of the ELCO burner and pump configuration we use is that, unlike a Riello burner where sometimes a deaerator like the Tigerloop is essential they are absolutely not required with a Hounsfield Boiler; they will of course "mask" faults with the fuel supply system, acting as a "plaster", better to resolve the problem; deaerator's have their own inherent problems.



### OPTION

Optional oil line entry point to the rear of the casing provides neat "out of sight" installation.

Oil filter kit, includes fire valve, isolation valve oil line inserts and stainless screws, included with every boiler

## Flue options.

For open vented, conventional chimney systems we have a range of single wall rigid flue components combined with corrugated flexible chimney liner.

 [View our installation and service videos on our web site.](#)

## Regulations

### IMPORTANT:

Boiler installation must comply with Building Regulations, associated E.N. / British Standards and industry good practice.

