



CAHA Midi

Floor standing condensing gas boilers
340-600kW



HIGH EFFICIENCY

TRIPLE E CERTIFIED

COMPACT SECTIONAL BOILERS



High Efficiency

The boiler maintains high levels of efficiency of up to 108% (based on NCV) across its modulation range.

High Burner Modulation Ratio

The premix burner system provides precise air gas ratio control allowing modulation down to 20% of nominal capacity.

Triple E Approved

The CAHA Midi range of boilers are approved and included on the Irish Triple E register of "best in class" products for use on publicly funded projects in Ireland. They also qualify for the Accelerated Capital Allowance (ACA) scheme that promotes investment in energy efficient products & equipment.

Compact and light

With a width of just 700mm, a Caha boiler will fit through a typical doorway. The light weight enables easy lifting and positioning.

Easy Transport and installation

The boiler is fitted with wheels and adjustable feet. It may be rolled into position and then levelled by adjusting the feet to the desired position.

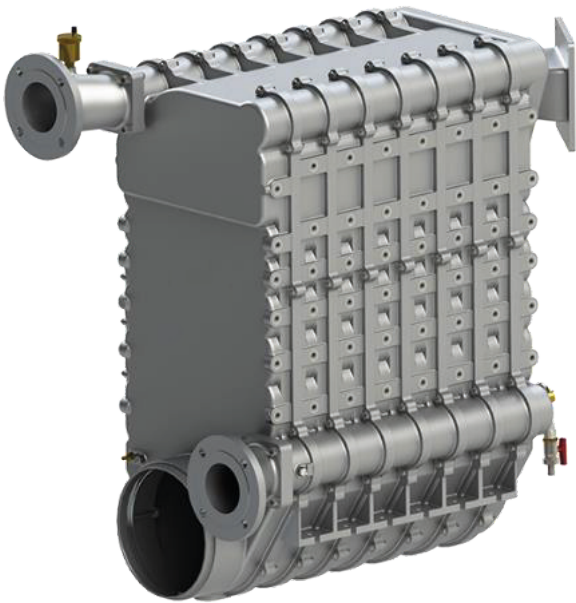
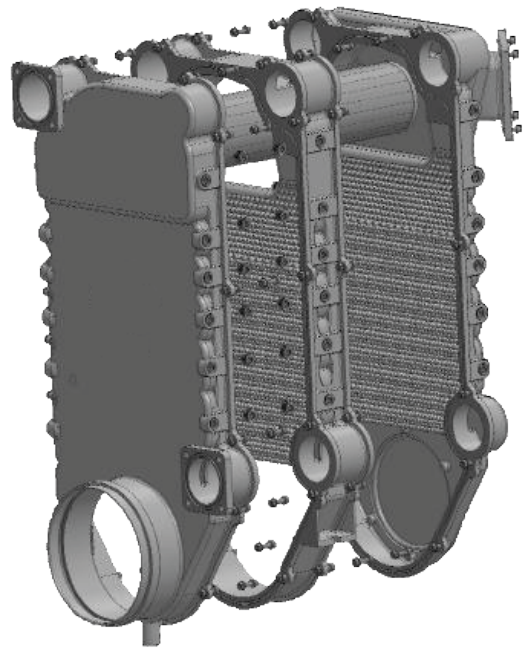


Simple reliable design

The revolutionary multi sectional heat exchanger is cast from aluminium alloy. It uses only three components; front back and mid-section castings. The number of joints and seals are reduced; eliminating weak points in the heat exchanger design.

Low water pressure loss

The generously sized heat exchanger waterways have a low-pressure loss. This reduces the size of primary pump needed and saves electrical energy.



No fragile refractory components

The combustion chamber is completely water cooled; no fragile refractory components are used.

No condensate sump seals

The condensate sump is already integrated into the casting eliminating a major cause of failure in condensing boilers.

Flexible Controls

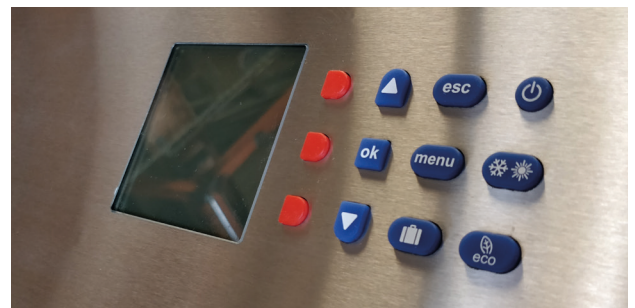
The Honeywell boiler management system provides combustion management and optimisation of boiler efficiency. It may be combined with a wide range of peripherals such as zone controllers etc.

A visual display is mounted on the front panel allowing viewing and adjustment of key parameters. This makes commissioning and adjustment straightforward.

Multiple control options (ON/OFF, 0-10V analog control or Opentherm digital control) permit maximum flexibility when interfacing with external control systems.

Easy Cascading of up to 6 boilers

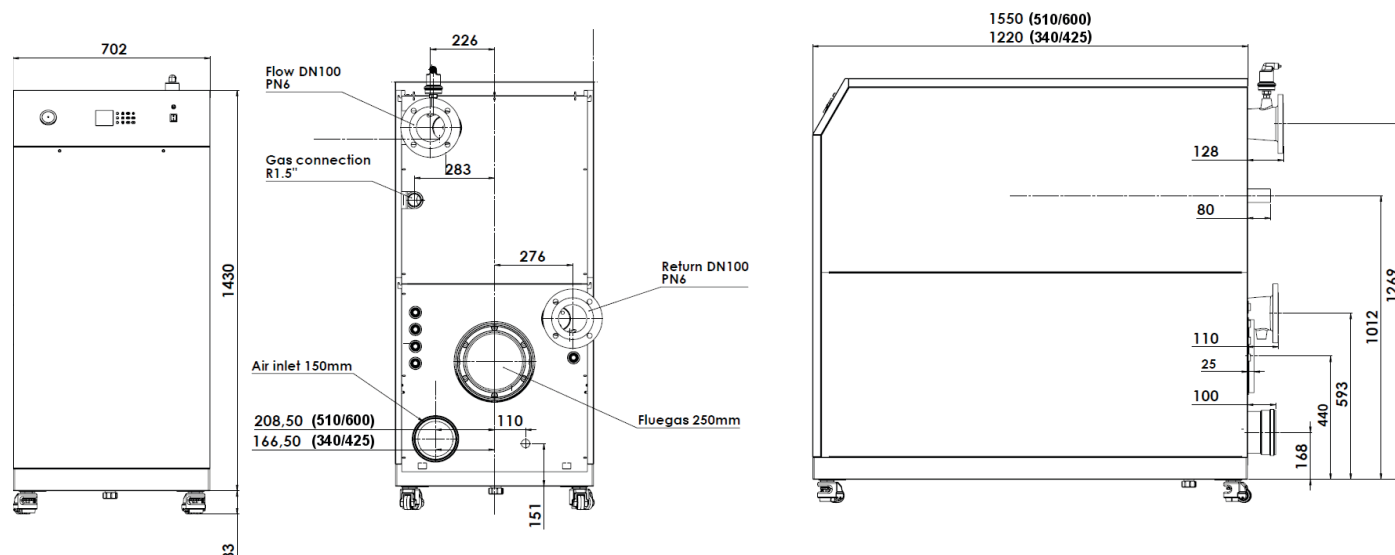
Up to 6 boilers may be cascaded using the integrated master-slave cascade functionality.



Weather Compensation is standard

Inbuilt Weather compensation may be used to automatically vary the boiler flow temperature according to the outside air temperature. This ensures that boiler efficiency is the highest that it can possibly be whilst maintaining comfort. Hot water priority control is also standard.

Dimensions



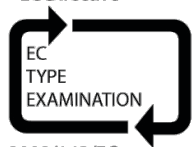
Specifications

CAHA Midi Model	340	425	510	600	
Nominal input full load	340	425	510	595	kW
Efficiency full load	97.2				%
Efficiency part load	108.1				%
Minimum/maximum operating pressure	0.8 / 6.0				bar
Hydraulic resistance (ΔT_{20K} nominal flow at full load)	200	210	220	230	mbar
Maximum water flow	28.5	35.6	42.7	49.8	m ³ /h
Flue connection \emptyset	250				mm
Weight	330	365	429	464	kg
Width	700	700	700	700	mm
Depth without exhaust connection	1222	1222	1553	1553	mm
Height (including wheels)	1540	1540	1540	1540	mm
Height (without wheels)	1431	1431	1431	1431	mm

CE, GAR Approval

kiwa
Approved

EC Directive



2009/142/EC



RVR Energy Technology Limited

Kenmare
Co. Kerry
V93 F386
Ireland

Sales direct line: +353 (0)64 6689522 Email: info@rvr.ie

