

# Unica BHE

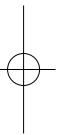
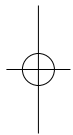
High efficiency combi balcony boiler

RANGE 32HE

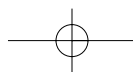
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SEDBUK 'A' RATED

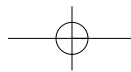
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ALUMINIUM HEAT EXCHANGER

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DESIGNED TO WITHSTAND UK WEATHER CONDITIONS



VOKERA UNICA BHE BLEND OF TRADITION AND INNOVATION





# Unica BHE

## High efficiency combi balcony boiler

SPECIFICATIONS	Unica 32 BHE
<b>Central Heating</b>	
Heat input (kW)	25
Maximum heat output @ 60/80 °C (kW)	24.45
Maximum heat output @ 30/50 °C (kW)	26.3
<b>Domestic Hot Water</b>	
Heat input (kW)	32
Flow Rate - 35°C rise (l/min)	13.1
<b>Dimensions</b>	
Height	890mm
Width	533mm
Depth	275mm
<b>Weight</b>	
Dry weight (kg)	44
<b>Connections</b>	
Flow & return	22mm
Gas	15mm
DHW hot & cold	15mm
Safety valve	15mm
Condense	21mm
<b>Electrical</b>	
Voltage (V/Hz)	230/50
<b>Flue Details (concentric)</b>	
Maximum horizontal flue length (60/100mm)	7.8m
Maximum vertical flue length (60/100mm)	8.8m
Maximum horizontal flue length (80/125mm)	20m
Maximum vertical flue length (80/125mm)	25m
<b>Flue Details (twin pipes)</b>	
Maximum horizontal flue length (80mm/80mm)	35m/35m
Maximum vertical flue length (80mm/80mm)	35m/35m
<b>Efficiency</b>	
SEDBUK (%)	90.2 (A)
NOx class	5

### ENERGY SAVING CONTROLS AND OPTIONS

Description	Code
REC07 programmable room thermostat	1221169
Weather compensation control	2359259
Security casing (protects against vandalism)	1103289

SEDBUK 'A' rated.

Unique to the market\*\* - designed specifically for external installations, requiring only limited protection to withstand typical UK weather conditions\*.

Optional protective security casing available to minimise possible vandalism.

Low NOx - Class-5 performance.

Full IPX5D rating enables the Unica BHE to be installed either on a balcony or on an external wall.

Reduces running costs by up to 35% more than a conventional boiler, helping to safeguard the environment.

Ideal for problematic installations; flats with limited space, if there are difficulties with flue clearances or if a long run to an adequate soak away for the condensate are foreseen.

Designed for easy installation. A pre-fixing jig and built-in filling loop allows the system to be connected and tested without the boiler needing to be in place. Automatic bypass and easy-fit condensate connection.

Simple commissioning, only minimal adjustments are required after installation and automatic modulation eliminates the need to range rate the boiler.

Extremely high modulation ratio, increasing efficiency and component longevity.

Hot water pre-heat provides instant hot water at any time, saving time and energy.

Self-start programming protects the pump and motorised valve from sticking during long periods of inactivity.

Anti-cycling control prevents energy wasteful on/off cycling and reduces wear and tear.

Built-in frost protection, protects the appliance from damage during periods of cold weather.

Intuitive control panel ensures end-users can easily operate and adjust the appliance.

"Autostop" function: Unica HE has the built-in disabling function (Autostop) that automatically changes the current operating mode, and moves it permanently into the standby mode. This automatic function will only operate after a pre-defined period of time has elapsed and if it has been activated during commissioning.

Versatile flueing options that can reach lengths up to 35 metres.

Built-in thermo-regulation to increase further fuel efficiency. Attach an energy saving control to maximise energy efficiency.

Can be converted to LPG with LPG Kit.

\* Some additional protection may be required for extreme weather conditions.

### DID YOU KNOW...

...The Unica BHE is unique to the market\*\*.

\*\*Currently we are aware of no other boiler manufacturers in the UK that offers a balcony boiler specifically designed for external installations.



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