

# EXCLUSIVE SOLUTIONS



Distributed in New Zealand by Heat IQ

The only boiler with  
Up to 24.4 L per minute of  
on demand domestic hot water





With the release of EXCLUSIVE, Beretta shows its continuous commitment to sustainability and the environment as the European Union works towards its **20-20-20** goals. EXCLUSIVE, in fact, is in line with the European directives and has been designed to maximize the unit's efficiency as well as its effectiveness in controlling emissions.

## EUROPE 2020 STRATEGY



REDUCTION  
OF CO<sub>2</sub>  
EMISSIONS

**-20%**



ENERGY  
FROM  
RENEWABLES

**+20%**



INCREASE  
IN ENERGY  
EFFICIENCY

**+20%**

## EXCLUSIVE, A MILESTONE IN THE DEVELOPMENT OF BERETTA'S WALL-HUNG BOILER SOLUTIONS

Combustion and electronics, that are the heart and brain of EXCLUSIVE product line, designed in research and development Laboratories at our historic headquarters in Lecco (Italy), represent a turning point in Beretta's wall-hung boiler evolution and result from the spirit of innovation characterizing our brand since its origins.

The unique new design of EXCLUSIVE highlights Beretta's tradition of excellence and expertise, proven by 40 years of experience in the heating industry. In addition, the linear design modernizes the aesthetic lines of the first Beretta boiler models in a continuity of style in keeping with its name, Exclusive. This name has always characterized Beretta's top range, a leading product with exclusive features and benefits.



### CO MONITOR

CO boiler level constantly monitored and calibrated for maximum safety



### UNIVERSAL APPLICATION

Indoor, outdoor and recessed in-box application



### TEXT DRIVEN MENU

User-friendly interface for direct communication with TEXT and ICONS



### QUICK & SIMPLE INSTALLATION

Casing removal is no longer required to make the electrical connections and calibrations



### SELF-CALIBRATING

Auto-adaptability of the boiler to different types and compositions of gas - NO mechanical calibrations



### HYBRID READY

Can be integrated via BUS in multi-energy systems to make boiler operation more energy efficient in relation with other energy sources



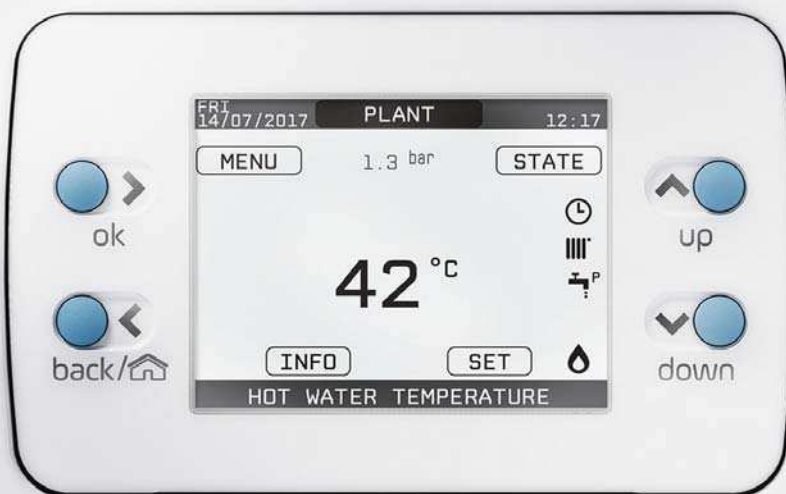
# TEXT DRIVEN MENU

The control panel is one of the distinguishing and innovative elements of EXCLUSIVE product line. Exclusive functions can be accessed through a modern 3,5" backlit LCD display, which communicates with the user

through text and icons. Thanks to the intuitive push buttons, it is possible to easily navigate through EXCLUSIVE's parameters and settings, including programming the heating on and off times.



EXCLUSIVE's GREEN LED: A small LED light bar shows the boiler's operation status, reflecting on the casing a green light, if the boiler is operating regularly.



## EXCLUSIVE FUNCTIONS

- › **PROGRAMMING BY HOUR**  
HEATING CAN BE PROGRAMMED BY HOUR AND BY SINGLE ZONE
- › **DATE AND HOUR**  
DISPLAYED ONSCREEN
- › **SMART FILLING**  
FILLING ACTIVATION IN COMPLETE AUTONOMY AND SAFETY
- › **PRE-HEATING**  
PRE-HEATING FUNCTION FOR DOMESTIC HOT WATER
- › **SYSTEM OPERATING PRESSURE**  
DISPLAYED ONSCREEN
- › **SCHEDULED MAINTENANCE**  
ADVISES THE NEXT DATE FOR THE BOILER'S MAINTENANCE



## ACTIVE COMBUSTION CONTROL

EXCLUSIVE's Active Combustion Control (ACC) system, designed and developed by Beretta, allows for functionality, efficiency and low emissions under any conditions. The ACC system uses an ionisation sensor immersed in the burner flame, which notifies the control board to operate the gas valve that regulates the fuel. The system keeps the air/gas mixture constant at optimum values throughout the power modulation (allowing the CO<sub>2</sub> readings to remain steady).

Exclusive's sophisticated control system provides the auto-regulation of the combustion, so there is no need for an initial calibration, enabling the boiler to operate with different gas compositions. The ACC system can also perform an auto-diagnostic operation that locks out the burner before the permitted upper emission limit is exceeded.

### Unbeatable Domestic Hot water Performance

19.1L per minute from the 35c  
24.4 L per minute from the 42c

Quoted at 25 Degrees rise

## ACC ADAVANTAGES

- › **AUTO-ADAPTABILITY** OF THE SYSTEM TO THE TYPE AND COMPOSITION (ALSO INSTANTANEOUS) OF THE GAS. GAS TRANSFORMATION KITS ARE NO LONGER NEEDED
- › **NO MECHANICAL CALIBRATION** OR MANUAL INTERVENTION ON COMBUSTION IS REQUIRED ON THE BOILER
- › **STEADY STOICHIOMETRIC** AIR/FUEL VALUE IN ANY CIRCUMSTANCE.
- › **CONTINUOUS EMISSION CONTROL** IN COMPLIANCE WITH STANDARD LIMITS
- › **GAS SAVING** COMPARED TO TRADITIONAL SYSTEMS, THANKS TO THE CONSTANT EFFICIENCY RATIO VS POWER MODULATION
- › **EFFICIENCY AND RELIABILITY OVER TIME** THANKS TO SELF-TRAINING WITH COMPENSATION FROM ACC SYSTEM.

