

NEW ENERGY

heating technology since 1959



RBS 24 ENERGY



NEWS 2013

NEW INSTANTANEOUS COMBI BOILER - 24 KW

CLASSIC

NEW RBS 24 ENERGY. The room sealed-chamber boiler for heating and D.H. W. production, uses Radiant innovative designed solutions to improve the performances, both in efficiency and energy saving.

NEW COMPONENTS. Among these are the **new electronic board DIGITECH® TR**, the 7 l. expansion vessel with lateral installation for an easy maintenance, the new pump with built-in air vent valve, the draining tap and by-pass, the **new heat exchanger with 6 exchanges passages** and the **new gas valve** that ensures better modulation and settings.

NEW DESIGN. Created with a new design, RBS 24 ENERGY is equipped with a more ergonomic and intuitive control panel and electronics with new functions.

NEWS 2013. A completely renewed product both in design and technology: **RBS 24 ENERGY** is easy to be placed in the domestic areas thanks to its small dimensions and ensures the best performances in heating and D.H.W.

The ENERGY series includes also the model RBC 24 with open chamber.



A UNIQUE ELECTRONIC BOARD



DIGITECH® TR PCB

A new modern and functional design marks out DIGITECH® TR, Radiant electronic evolution.

DIGITECH® TR has been introduced in the whole production range of Radiant traditional boilers to supply information to the user which will be more immediate and easier to understand. It is provided with a new blue backlit LCD display and an advanced self-diagnostic utility through error codes allowing a focused technical intervention. The new electronic board presents many new functions and features, such as the visualization of boiler's errors history and the power level. Furthermore, this electronic board, multi voltage (110-250 V - 50-60 Htz) and not polarized, is designed to prevent any electric power supply problem.

An electronic board for the whole production range of Radiant traditional boilers.

DIGITECH® TR is perfectly interchangeable among all the traditional models, heating only, instantaneous, or with storage cylinder boilers, thanks to the possibility to operate on the parameters to adapt the board at the functioning selected mode. Furthermore, this electronic board can be used with different gas valves. These new features will help the Service technician during replacements and will make spare parts managing easier, with a high saving in time and money. Regulation and settings features are unchanged comparing to previous versions of Radiant electronic boards, by facilitating the authorized Service Centres.

CONTROL PANEL

NEW BLUE BACKLIT LCD DISPLAY

ADVANCED SELF-DIAGNOSTIC

HIGH LEVEL OF ELECTRICAL PROTECTION

HEATING TEMPERATURE SETTING BUTTON

D.H.W TEMPERATURE SETTING BUTTONS

NEW VISUALIZATION OF BOILER'S ERROR HISTORY (LAST 5 ERRORS)

OUTDOOR TEMPERATURE SENSOR MANAGEMENT



IMPROVING PERFORMANCES



NEW DESIGN, with a more ergonomic and intuitive control panel and electronics with **NEW FUNCTIONS**.



REMOTE CONTROL SYSTEM (option) for a cronothermostat function



NEW WATER GROUP WITH NEW components: safety valve, air vent valve, gas valve, draning tap and built-in by-pass



NEW HEAT EXCHANGER: 6 exchange passages for a better efficiency in reduced dimension

HIGHER ENERGY SAVING



CLASSIC

Radiant Bruciatori Spa produces a range of traditional boilers which covers all market segments: wall mounted, box version and for external installation, available with or without storage cylinder.

Thanks to the production flexibility, rigorous control system and higher technological know-how, Radiant guarantees a high quality standard, taking care of all the working and assembling passages by ensuring a manufacturing quality **100% made in Italy** to the final user.



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TECHNICAL DATA	APPLIANCE CATEGORY CONFORM TO UNI 10642	type	B22-C12-C32-C42-C52-C82
	HEAT INPUT MAX	kW	25,50
	HEAT INPUT MIN	kW	11,50
	HEAT OUTPUT MAX	kW	23,79
	HEAT OUTPUT MIN	kW	10,04
EFFICIENCIES	EFFICIENCY 100% (FULL LOAD)	%	93,30%
COMBUSTION SPECIFICATION	NO _x CLASS	class	2
	GAS DIRECTIVE 92/42/ECC – EFFICIENCY MARKING	stars n°	3
CENTRAL HEATING CIRCUIT	CENTRAL HEATING WATER TEMPERATURE SETTING	°C	30-80 / 25-40
	MAX HEATING WORKING TEMPERATURE	°C	90
	MAX HEATING WORKING PRESSURE TEMPERATURE	bar	3
	EXPANSION VESSEL CAPACITY	lt.	7
D. H. W. CIRCUIT	D.H.W. TEMPERATURE SETTING	°C	35-60
	MAX HOT WATER WORKING PRESSURE	bar	6
	MIN. HOT WATER WORKING PRESSURE	bar	0,5
	D.H.W FLOW RATE AT ΔT 30°C	lt./min	11,36
DIMENSIONS	WIDTH X DEPTH X HEIGHT	mm	410 x 270 x 730
	GROSS WEIGHT	Kg	32
FLUE SYSTEMS	HORIZONTAL CONCENTRIC FLUE KIT A	∅ mm	60/100
	MAX. FLUE LENGTH	m	4
	HORIZONTAL TWIN PIPE FLUE KIT B	∅ mm	80/80
	MAX FLUE LENGTH	m	30
ELECTRICAL POWER SUPPLY	VOLTAGE-FREQUENCY	V/Hz	230 - 50
	MAX ELECTRICAL POWER CONSUMPTION	W/h	125
	ELECTRICAL PROTECTION	IP	X4D

MSL/12 premium di serie

