



VIT



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VIT complete boilers

VIT cast iron complete boilers

The complete boilers of the VIT series are extremely efficient. To obtain the best boiler-burner match and make installation as easy as possible these units are supplied with the burner pre-mounted, pre-wired and pre-calibrated to suit the specific boiler power rating. Monobloc, compact construction, smooth styling and efficient thermal and acoustic insulation mean that it can be installed just about anywhere in the home.

High performance

The boiler body is made up of high quality cast iron elements assembled with biconical fittings and steel tie-rods. Special combustion chamber fume-path design, together with the excellent performance of the ECO burner, provides high combustion efficiency and reduced CO and NOx emissions.

The shell

A well-designed modern shell has been specially developed for the VIT boilers. The control panel, made of shockproof material, is snap-fitted onto the front of the shell. The latter is coated with epoxy paint to make it extremely long-lasting.

Hot water supply

The VIT CI model has a special heater to provide hot water.

The range

Two different models are available with power ratings 32,55 kW. The versions are:

VIT R

A heating-only version complete with light oil burner and pre-heater.

VIT CI

a combi version (heating plus hot water supply) complete with light oil burner and pre-heater.

Easy maintenance

Access to the boiler interior is gained easily via the front panel. Everything has been designed to make boiler cleaning and maintenance as simple as possible.



Combustion gas path

All VIT boilers have been designed for use with light oil.

Final Testings

All VIT complete boilers undergo strict testing at every stage of the assembly line before being placed on the market.



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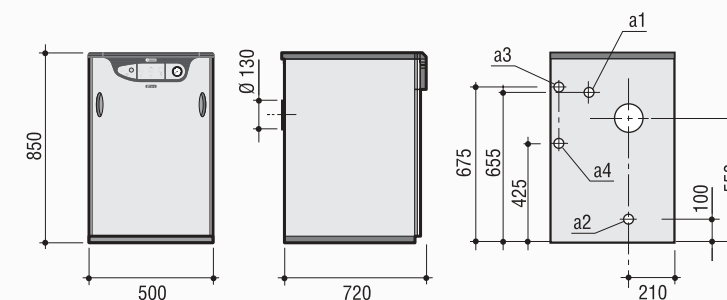
Technical data and dimensions



Easy access to the components

- 1 Light oil burner
- 2 Expansion tank
- 3 Burner attachment plate
- 4 Circulator
- 5 Insulation
- 6 Boiler body

VIT		30R	30CI
Output	kW	32,55	32,55
	kcal/h	28.000	28.000
Input	kW	34,76	34,76
	kcal/h	29.900	29.900
Efficiency at 100%	%	91,5	91,5
Efficiency at 30%	%	92,2	92,2
Shell loss	%	1,12	1,12
Heating circuit pressure	max bar	4	4
Expansion tank	l	10	10
Heating temperature adjustment	°C	30/80	30/80
Water content	l	14	14
ΔP water side (ΔT 10°C)	mbar	1,8	1,8
ΔP fume side	mbar	0,12	0,12
Elements	n°	3	3
Hot water temperature adjustment	°C	-	80
Hot water supply ΔT 30°C	max l/min	-	15,5
	min. l/min	-	2,5
Hot water circuit pressure	min. bar	-	0,4
	max bar	-	6
Heating delivery (a1)	Ø	1"	1"
Heating return (a2)	Ø	1"	1"
Cold water inlet (a3)	Ø	1/2"	1/2"
Hot water outlet - CI only (a4)	Ø	-	1/2"
Power supply	V/Hz	230/50	230/50
Weight	kg	160	165
Packaging	mm.	610x1020x840	



VIT R and CI boilers

The control panel

All VIT boilers are fitted with a control panel that provides safe, optimised control.

The complete boiler is supplied in a single wooden crate with the shell already fitted.

- 1 Safety thermostat
- 2 Plug
- 3 Fixed knob
- 4 Function selector OFF/Summer/Winter
- 5 Boiler adjustment
- 6 Thermo-hydrometer
- 7 Lock-out warning light
- 8 ON indicator light
- 9 TST failure warning light

