



The Worcester Greenstar CDi Compact combi

Why install a Greenstar CDi Compact combi?

- ▶ Fits neatly inside a standard kitchen cupboard
- ▶ Instantaneous hot water, always available
- ▶ Wide choice of controls
- ▶ Hot water can be adjusted to fine tune your comfort
- ▶ User-friendly displays for ease of use
- ▶ High efficiency, greater reliability and durability is achieved by the CDi Compact's innovative heat exchanger



Trustpilot Rated 5 Stars

Our customers have consistently rated us 5 stars on Trustpilot.co.uk



Up to 7 Years Guarantee

Up to 7 years guarantee available on all Worcester Bosch gas boilers*



Royal Warrant

We are honoured to have received a Royal Warrant in recognition of supplying goods to Her Majesty The Queen



BOSCH

Invented for life

Part of the Bosch Group

All products are manufactured with Bosch levels of quality and reliability as standard

*Terms and conditions apply



Technical data

MODEL		28CDi COMPACT	32CDi COMPACT	36CDi COMPACT
Clearances	Above flue	30mm	30mm	30mm
	Sides	5mm	5mm	5mm
	Below	200mm	200mm	200mm
	Front	20mm*	20mm*	20mm*
Flow rate at the hot water tap (35°C)		11.4 l/min	13.1 l/min	14.7 l/min
Output kW to central heating (CH)		7.03kW - 24kW	7.03kW - 24kW	7.03kW - 24kW
Modulating control		✓	✓	✓
Integrated filling link		✓	✓	✓
Condensing in domestic hot water		✓	✓	✓
ErP 'A+' rating with weather compensation control		✓	✓	✓
Intelligent controls		✓	✓	✓

*20mm from a removable cupboard door, 600mm from a fixed surface for servicing. Same clearances for ventilated and unventilated compartments.

Control options

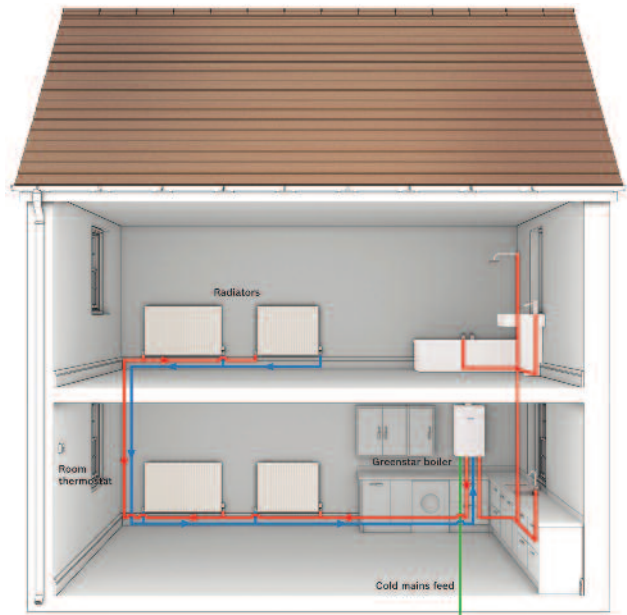


Accessories



Boiler dimensions

The Greenstar CDi Compact range will fit inside your wall-mounted kitchen cupboards.



Know your system

Combination, or 'combi' boilers, heat water directly from the mains when you turn on a tap, so you won't need a hot water storage cylinder or a cold water storage tank.

For more information on our award winning gas range, visit worcester-bosch.co.uk

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Greenstar 32CDi Compact

ErP Efficiency Rating



ErP Data Sheet

[↓ ErP Data Sheet](#)

Fuel Type

Gas (NG)

Control Options



EasyControl Compatible



Solar Compatible



Central heating output (kW)

24

Dimensions (mm) height x width x depth

690 x 390 x 280

Hot water flow rate 40°C ΔT (litres per minute)

11.5l/min

3.4 Energy efficiency

Natural gas appliances

The following product data satisfy the requirements of the EU Regulations No. 811/2013 and No. 812/2013 supplementing Directive 2010/30/EU.

Product data	Symbol	Unit	7733600053	7733600055	7733600056
Product type	–	–	28CDi Compact ^{ErP}	32CDi Compact ^{ErP}	36CDi Compact ^{ErP}
Condensing boiler	–	–	Yes	Yes	Yes
Low temperature boiler	–	–	No	No	No
B1 boiler	–	–	No	No	No
Cogeneration space heater (CHP)	–	–	No	No	No
Combination heater	–	–	Yes	Yes	Yes
Rated heat output	P_{rated}	kW	24	24	24
Seasonal space heating energy efficiency	η_s	%	94	94	94
Energy efficiency class	–	–	A	A	A
Useful heat output					
At rated heat output and high temperature regime ¹⁾	P_4	kW	24	24	24
At 30% of rated heat output and low temperature regime ²⁾	P_1	kW	8.1	8.1	8.1
Useful efficiency					
At rated heat output and high temperature regime ¹⁾	η_4	%	88.8	88.8	88.8
At 30% of rated heat output and low temperature regime ²⁾	η_1	%	99.5	99.5	99.5
Auxiliary electricity consumption					
At full load	el_{max}	kW	0.029	0.029	0.029
At part load	el_{min}	kW	0.014	0.014	0.014
In standby mode	P_{SB}	kW	0.001	0.001	0.001
Other items					
Standby heat loss	P_{stby}	kW	0.078	0.078	0.078
Ignition burner power consumption	P_{ign}	kW	0	0	0
Emissions of nitrogen oxides	NOx	mg/kWh	25	25	25
Annual energy consumption	Q_{HE}	kWh	-	-	-
Sound power level, indoors	L_{WA}	dB(A)	52	52	52
Additional data for combination heaters					
Declared load profile	–	–	XL	XL	XL
Daily electricity consumption	Q_{elec}	kWh	0.144	0.137	0.141
Annual electricity consumption	AEC	kWh	32	30	31
Daily fuel consumption	Q_{fuel}	kWh	20.667	20.741	20.702
Annual fuel consumption	AFC	GJ	18	18	18
Water heating energy efficiency	η_{wh}	%	85	85	85
Water heating energy efficiency class	–	–	A	A	A

Table 6 Product data for energy consumption according to the EU regulations no. 811/2013 and no. 813/2013

1) High temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

2) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

5 Service clearances

Your installer will have provided adequate space around the boiler for safety and servicing access.



CAUTION: Restricted space.

The boiler may overheat.

- ▶ Do not restrict this space with the addition of cupboards, shelves etc. next to the boiler.



NOTICE: Combustible and corrosive materials:

Chemically aggressive substances can corrode the appliance and invalidate any guarantee.

- ▶ Do not store or use any combustible materials (paper, thinners, paints, propellants, cleaning agents etc.) inside the cupboard containing the appliance or within the vicinity of the appliance.

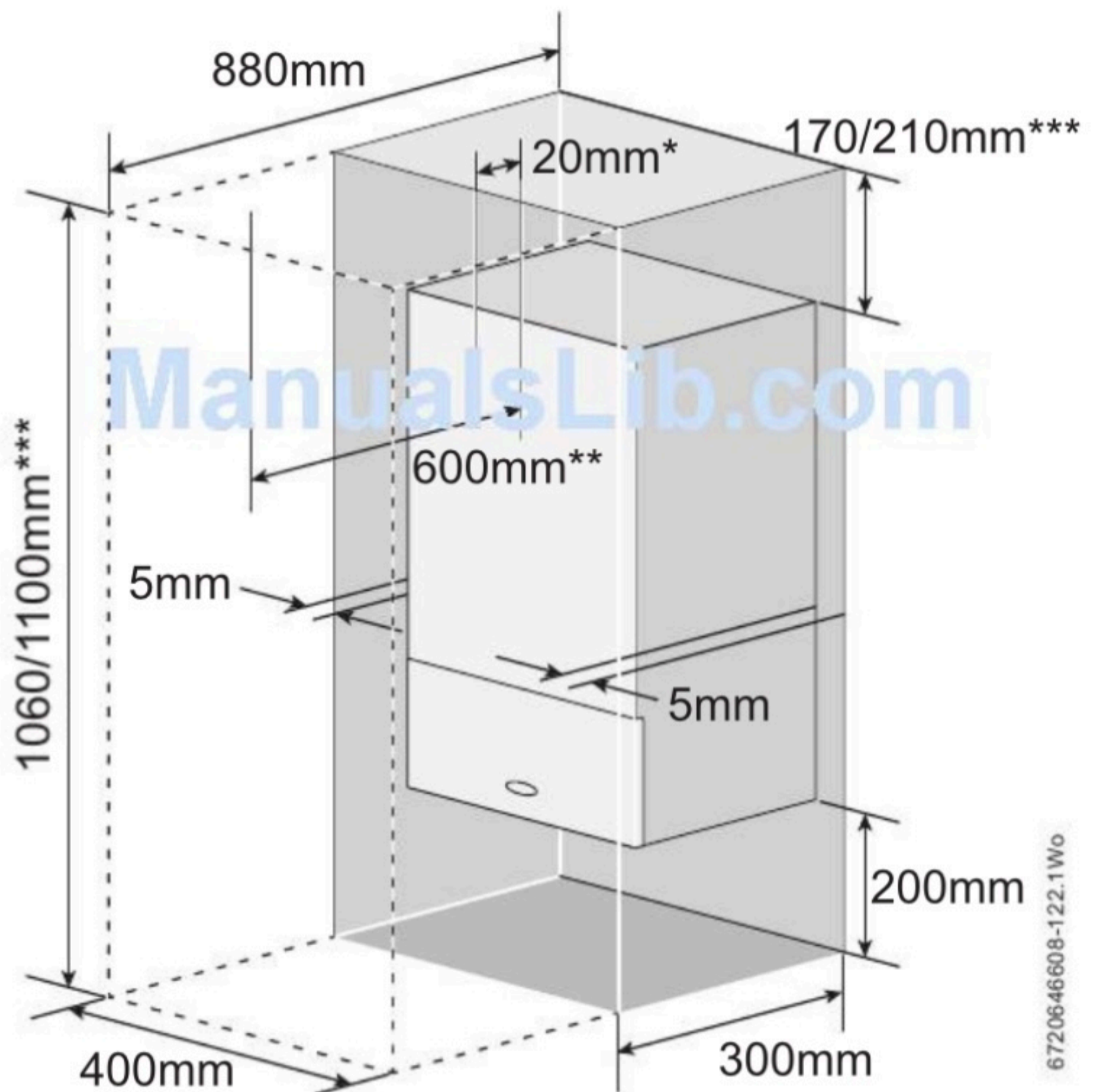


Fig. 4 Service clearances

[*] Minimum clearances to removable door

[**] Minimum clearances required for servicing

[***] Height for either 60/100 flue or 80/125 flue

Greenstar

36CDi Compact ErP

7733600056

The information provided fulfills the requirements of regulations (EU) 811/2013 and (EU) 813/2013.

Productdata	Symbol	Unit	7733600056
Declared load profile			XL
Energy Efficiency Class			A
Water heating energy efficiency class			A
Rated heat output	Prated	kW	24
Annual energy consumption (average climate conditions)	Q _{HE}	kWh	-
Annual energy consumption	Q _{HE}	GJ	73
Annual electricity consumption	AEC	kWh	31
Annual fuel consumption	AFC	GJ	18
Seasonal space heating energy efficiency	η _s	%	94
Water heating energy efficiency	η _{wh}	%	85
Sound power level, indoors	L _{WA}	dB	52
Indication about ability working only during off-peak hours			No
Special precautions to be taken during assembly, installation or maintenance (if applicable)	see product accompanying documents		
Condensing boiler			Yes
Low temperature boiler			No
B1 boiler			No
Cogeneration space heater			No
Combination heater			Yes
Useful heat output			
At rated heat output and high temperature regime	P ₄	kW	24,0
At 30 % of rated heat output and low temperature regime	P ₁	kW	8,1
Useful efficiency			
At rated heat output and high temperature regime	η ₄	%	88,8
At 30 % of rated heat output and low temperature regime	η ₁	%	99,5
Auxiliary electricity consumption			
At full load	el _{max}	kW	0,029
At part load	el _{min}	kW	0,014
In standby mode	P _{SB}	kW	0,001
Other items			
Standby heat loss	P _{stby}	kW	0,078
Ignition burner power consumption	P _{ign}	kW	-
Emissions of nitrogen oxides (only gas- or oil fired)	NO _x	mg/kWh	25
Additional data for combination heaters			
Daily electricity consumption (average climate conditions)	Q _{elec}	kWh	0,141
Daily fuel consumption	Q _{fuel}	kWh	22,990

Specific precautions for installation, maintenance as well as recycling and/or disposal are provided within the installation and operating manuals. Read and follow the installation and operating manuals.