

# The **Bosch** Standard Efficiency Hydronic Boiler

Setting the standard in domestic hydronic heating

## The Bosch Standard Efficiency Boiler offers:

- ▶ 30kW heat output
- ▶ Excellent efficiency
- ▶ Compact, modern design
- ▶ Quiet operation
- ▶ User friendly controllers
- ▶ Available in NG and LPG
- ▶ External installation



Please contact Bosch on 1300 30 70 37 or visit [www.bosch-climate.com.au](http://www.bosch-climate.com.au) for more information.



**BOSCH**

Hot Water & Heating

# Bosch standard efficiency boiler



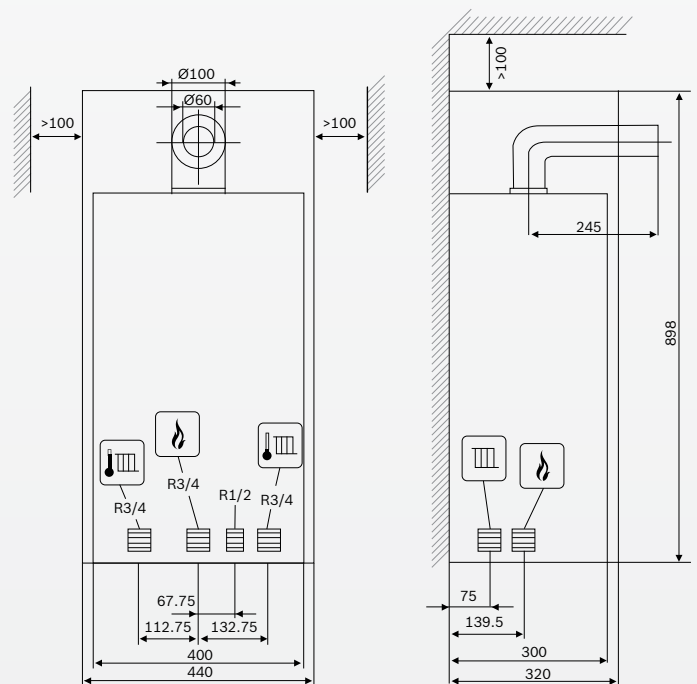
- ▶ Excellent efficiency
- ▶ Compact, modern design
- ▶ Quiet operation

## Specifications

	WBN 6000-30		
	Unit	NG	LPG
Maximum rated heat output (Pmax) 80/60°C	kW	30	30
Maximum rated heat input (Omax) Central Heating	kW	33.2	33.2
Minimum rated heat output (Pmin) 53/47°C	kW	9	9
Minimum rated heat input (Omin) Central Heating	kW	10.2	10.2
<b>Gas Supply Rate</b>			
Natural gas type H (H <sub>i</sub> : 15°C = 9.5 kWh/m <sup>3</sup> )	MJ/hr	132.8	–
Butane / propane (H <sub>i</sub> = 12.9 kWh/kg)	MJ/hr	–	132.8
<b>Permissible gas supply pressure</b>			
NG	mbar	11.3	–
LPG	mbar	–	27.5
<b>Expansion Vessel</b>			
Pre-charge pressure	bar	0.5	0.5
Total capacity	L	8	8
<b>Calculation values for calculating cross-section to EN 13384</b>			
Flue gas temperature 80/60°C maximum rated	°C	145	145
Flue gas temperature 80/60°C minimum rated	°C	73	73
Flue gas mass flow rate, maximum rated	g/s	13.6	13.5
Flue gas mass flow rate, minimum rated	g/s	10.3	10.4
CO <sub>2</sub> at maximum rated output	%	5.5 – 6.0	5.6 – 7.0
CO <sub>2</sub> at minimum rated output	%	2.0 – 2.5	2.3 – 2.8
Flue gas rating group to G636/ G635		G61 / G62	G61 / G62
NO <sub>x</sub> content	mg/kWh	132	132
NO <sub>x</sub> class		3	3
Flue gas connection		60/100	60/100

## General Data

Power supply voltage	AC...V	240	240
Frequency	Hz	50	50
Maximum power consumption (central heating mode)	W	<130	<130
Efficiency 80/60 Nom. /Min.	kpa	88.5%	88.5%
Standby power consumption	W	2	2
Noise output level	<dB(A)	<38	<38
Appliance enclosure rating	IP	X4D	X4D
Maximum flow temperature	°C	40-82	40-82
Maximum permissible operating pressure (PMS) heating	bar	3	3
Permissible ambient temperature	°C	0-50	0-50
Nominal capacity of appliance heating	l	1.6	1.6
Weight (excl packaging)	kg	42	42
Dimensions W x H x D	mm	440 x 898 x 315	440 x 898 x 315



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