# **Bosch Condens 5000W**

### Condensing Hydronic Heating Boilers

Bosch Hydronic Heating Boilers work by utilising condensing technology in recovering the waste heat which is usually expelled through the flue system of a non-condensing boiler. This condensing technology makes the Bosch Condens 5000W range more than 90% energy efficient. For heating a house or apartment, either radiator panels or underfloor heating can be used to heat the air in a natural, quiet way which leads to an increased level of comfort in your home.

The new Bosch Hydronic Heating Boiler range also includes a 37 kW combi boiler which combines heating and domestic hot water supply in the one appliance.



### **Specifications**

FE	EATURES AND BENEFITS:
•	18 kW and 30 kW system boiler for heating only
•	37 kW combi boiler for heating and domestic hot water
•	Wall mounted – space saving
<b>&gt;</b>	Easy installation and servicing
<b>•</b>	Available in Natural and LP Gas
Þ	Aluminium/silicon heat cell
<b>•</b>	Fully electronic safety management and fault diagnostics
<b>&gt;</b>	Optional room thermostats available
<b>&gt;</b>	Quiet operation (42 – 45 dB)

	Models			
Rated heat output	18 kW	30 kW	37 kW	
Part number	ZSB182A	ZSB302A	ZWB372A	
Ignition	Electronic	Electronic	Electronic	
Installation	Internal (requires optional flueing components) or External (requires optional outdoor casing)			
Gas type	NG / LPG	NG / LPG	NG / LPG	
Nominal Gas Consumption (NG & LPG) (Mj/H) – Central Heating (CH)	75	130	130	
Nominal Gas Consumption (NG & LPG) (Mj/H) – Domestic Hot Water (DHW)	n/a	n/a	160	
DHW I/min @ 25°C temp rise	n/a	n/a	21	
Energy efficiency at 80°C (CH supply temp)	91%	91%	91%	
Gas supply pressure (kPa)	1.13 (NG) 2.75 (LPG)	1.13 (NG) 2.75 (LPG)	1.13 (NG) 2.75 (LPG)	
Expansion tank (ltr)	8	10	10	
Minimum Working Water Pressure (kPa)	CH: 100 DHW: n/a	CH: 100 DHW: n/a	CH: 100 DHW: 300	
Maximum Working Water Pressure (kPa)	CH: 265 DHW: n/a	CH: 265 DHW: n/a	CH: 265 DHW: 1000	
Net Weight (KG)	27.1	46.5	48.5	
Dimensions:				
Height (mm)	700	750	750	
Width (mm)	400	440	440	
Depth (mm)	330	360	360	
<b>Domestic Warranty</b>				
Parts and Labour	1 year*	1 year*	1 year*	
Heat exchanger (part only)	5 years	5 years	5 years	

Please contact Bosch on 1300 30 70 37 to find a Bosch Hydronic Heating installer near you.



Hydronic Heating

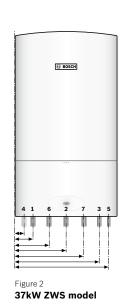
# **Bosch Condens 5000W Accessories**

## Condensing Hydronic Heating Boilers

Component	Part No.	Description	Component	Part No.	Description	Component	Part No.	Description	
Flue	Flue components 60/100mm			Flue components 80/125mm			DT Programmers and wireless room thermostats		
100	7716191082	60/100mm standard telescopic flue terminal	4	7719003702	80/125mm horizontal flue kit	1 0000	DT20 7719002984	Digital Twin Channel Programmer – plugs into boiler	
	7716191084	60/100mm 90° flue elbow		7719003664	80/125mm 90°			fascia	
	7716191085	60/100mm 45° flue elbow pack – pack of 2		7713003004	flue elbow 80/125mm		DT10 RF digistat 7716192052	Wireless Twin channel 7 day controller	
	7716191083	60/100mm 1,000mm flue extension		7719003665	45° flue elbow (pack of 2)	00	DT20 RF 7716192054	Wireless Twin channel 24h controller	
	7716191133	60/100mm short 220mm flue extension		7719003666	80/125mm 1,000mm flue extension	FX intelligent pr		I room thermostats	
	Vertical flue kits		Plume Management 60/100mm		15623	FR10 7719003516	Intelligent Room Thermostat		
1000	7719002430	60/100mm vertical flue terminal kit		7716191086	60mm plume management kit	(0.5° ma)	FR110 7719003534	Programmable Room Thermostat	
3	7719002431	80/125mm vertical flue terminal kit			management kit		FW100	Weather compensation	
C	outdoor install			7716191087	60mm plume management	0	7719003535	controller (incl outdoor sensor)	
-	Outdoor casing: 1,000mm extension		utdoor casing:				Diverter Valve	es	
	BOC5000W	1000 mm (h) x 500 mm (w) x 400 mm (d) (60/100mm horizontal		7716191088	60mm plume management 90° elbow	( • O	7716192568	Diverter valve for 18 kW boiler	
		telescopic flue kit, p/n: 7716191082, must be ordered separately)		7716191089	60mm plume management 45° pack (pack of 2)		7719002746	Diverter valve for 30 kW boiler	

### **Plumbing connections**





18 kW & 30 kW models #Function		From left case edge	Diameter of pipe connections	
1	CH Flow	70mm	3/4 BSP	
2	Gas	200mm	3/4 BSP	
3	CH Return	330mm	3/4 BSP	
4	Condensate	35mm	22mm	
5	Pressure relief valve	367mm	1/2 BSP	

#### Key to figure 1

37kW model #Function		From left case edge	Diameter of pipe connections	
1	CH Flow	70mm	3/4 BSP	
2	Gas	200mm	3/4 BSP	
3	CH Return	330mm	3/4 BSP	
4	Condensate	35mm	22mm	
5	Pressure relief valve	367mm	1/2 BSP	
6	DHW Outlet	135mm	1/2 BSP	
7	Cold Water Inlet	265mm	1/2 BSP	

Key to figure 2

Please contact Bosch on 1300 30 70 37 to find a Bosch Hydronic Heating installer near you.

