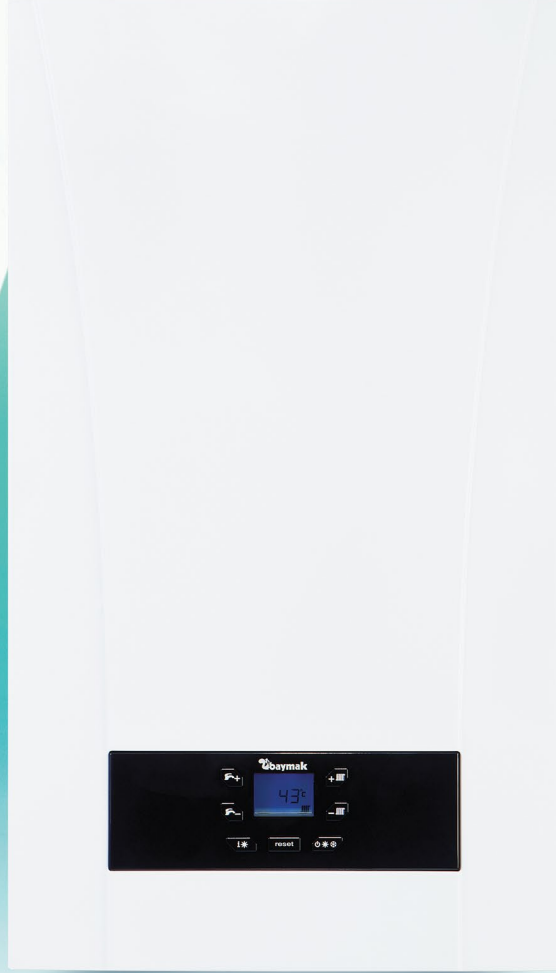


RESIDENTIAL
BOILER
SYSTEMS

BYD-SE Series / Standart Efficiency Wall Hung Gas Boiler (BYD-SE 24-31)



Digital
LCD
Display
Panel

Fault
Detection
System

Brass
Hydraulic
Group

Stainless
Steel
Domestic
Hot Water
Heat
Exchanger

Natural
Gas
or
LPG

MODEL

BAYMAK BYD-SE 24 20.600 kcal/h heating capacity

MODEL

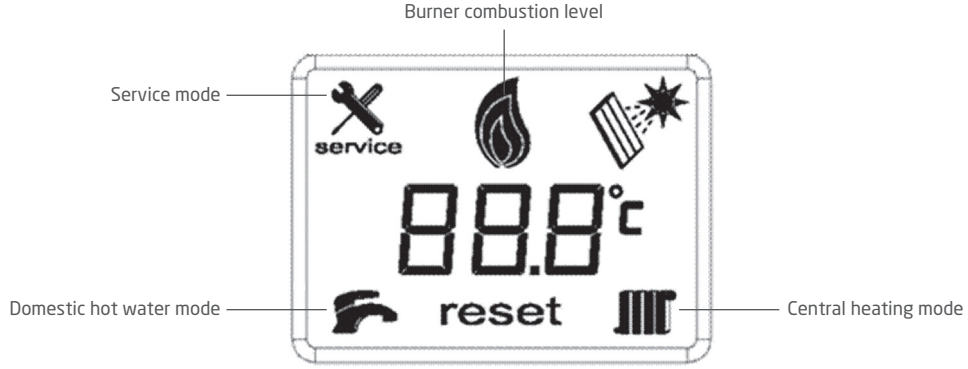
BAYMAK BYD-SE 31 26.700 kcal/h heating capacity

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BDR THERMEA GROUP

Wall Hung Gas Boiler Technical Specifications



Technical Data Sheet

Models		BYD-SE 24 Fi	BYD-SE 31 Fi
Maximum Heat Load	kW	25,8	33,3
Minimum Heat Load	kW	11	11,9
Maximum Heat Power	kW	24	31
	kcal/h	20.600	26.700
Minimum Heat Power	kW	9,6	10,4
	kcal/h	8.250	8.900
Efficiency Class - Directive 92/42/EEC	-	★★★	★★★
Central heating circuit maximum pressure	bar	3	3
Expansion tank capacity	l	7	10
Central heating temperature range	°C	30 - 85	30 - 85
Expansion tank initial pressure	bar	1	1
Domestic hot water circuit max pressure	bar	8	8
Domestic hot water circuit min dynamic pressure	bar	0,15	0,15
Min. domestic hot water outlet	//min	2,5	2,5
Domestic hot water temperature range	°C	35 - 60	35 - 60
Domestic hot water flow rate ($\Delta T = 30^{\circ}C$)	//min	10,7	13,7
Flue type	-	C12(x)-C32-C42-C52-C62-B22	C12(x)-C32-C42-C52-C62-B22
Flue gas pipe diameter	mm	60	60
Fresh air intake pipe diameter	mm	100	100
Twin flue gas pipe diameter	mm	80	80
Twin flue fresh air intake pipe diameter	mm	80	80
Maximum flue gas temperature	°C	140	145
NOx class	-	3	3
Type of gas	-	G20	G20
	-	G30/G31	G30/G31
Natural gas supply pressure	mbar	20	20
LPG supply pressure	mbar	30	30
Supply voltage	V	230	230
Frequency	Hz	50	50
Electric Power	W	135	165
Net weight	kg	29	35
Dimensions height	mm	745	825
width	mm	400	450
depth	mm	300	345
Electrical protection		IP X4D	IP X4D