

RESIDENTIAL  
BOILER  
SYSTEMS

# BYM-SE Series / Standart Efficiency Wall Hung Gas Boiler (BYM-SE 24)



Digital  
LCD  
Display  
Panel

Compact  
Dimensions

Fault  
Detection  
System

Brass  
Hydraulic  
Group

Stainless  
Steel  
Domestic  
Hot Water  
Heat  
Exchanger

Natural  
Gas  
or  
LPG

MODEL

BYM-SE-24 20.640 kcal/h heating capacity

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BDR THERMEA GROUP

## Wall Hung Gas Boiler Technical Specifications



### Stainless Steel Burner Group:

Burner group appropriate for the combustion of natural gas and LPG with its stainless steel structure of the upper part is long-lasting.



### Heat Exchanger:

The main heat exchanger in contact with flame is produced as fine structure since its heat resistance is higher. Thanks to this feature, temperature transferring of the gas burned in the the combustion chamber into the water passing through main heat exchanger is provided more quickly.

## Technical Data Sheet

Models	BYM-SE 24 Fi	
Gas category		II2H3B/P
Maximum heat load	kW	25.8
Minimum heat load	kW	13.0
Maximum heat power	kW	24.0
	kcal/h	20.640
Minimum heat power	kW	11.6
Maximum efficiency (Nominal)	%	93
Efficiency Class in accordance with 92/42/EEC Directive		★★★
Central heating system max. Pressure	bar	3
Heating circuit temperature setting range	°C	30 - 85
Hot domestic hot water circuit temperature setting range	°C	35 - 60
Expansion tank capacity	l	7
Expansion tank initial pressure	bar	1
Hot domestic hot water circuit max. pressure	bar	8
Hot domestic hot water circuit min. dynamic pressure	bar	0.15
Min. hot domestic hot water production	l/min.	2.5
Hot domestic hot water production (ΔT = 25°C)	l/min.	13.7
Flue type		C12-C32-C52-C82-B22
Special domestic hot water production (according to EN 625)	l/min.	10.7
Equiaxial flue diameter	mm	60/100
Max. flue gas flow	kg/sec.	0.014
Min. flue gas flow	kg/sec.	0.014
Flue gas max. temperature	°C	140
NOx class	-	3
Type of gas	-	Doğalgaz, LPG
Voltage	V	230
Frequency	Hz	50
Net weight	kg	38
Power consumption	W	135
Dimensions	height	mm
	width	mm
	depth	mm
Protection class (According to EN 60529)	-	IPX 4D