

RESIDENTIAL
HEATING
SYSTEMS

BY-HE COMPACT / Condensing Wall-Hung Boiler



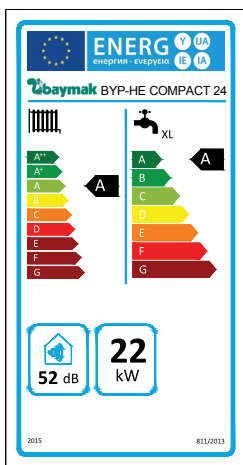
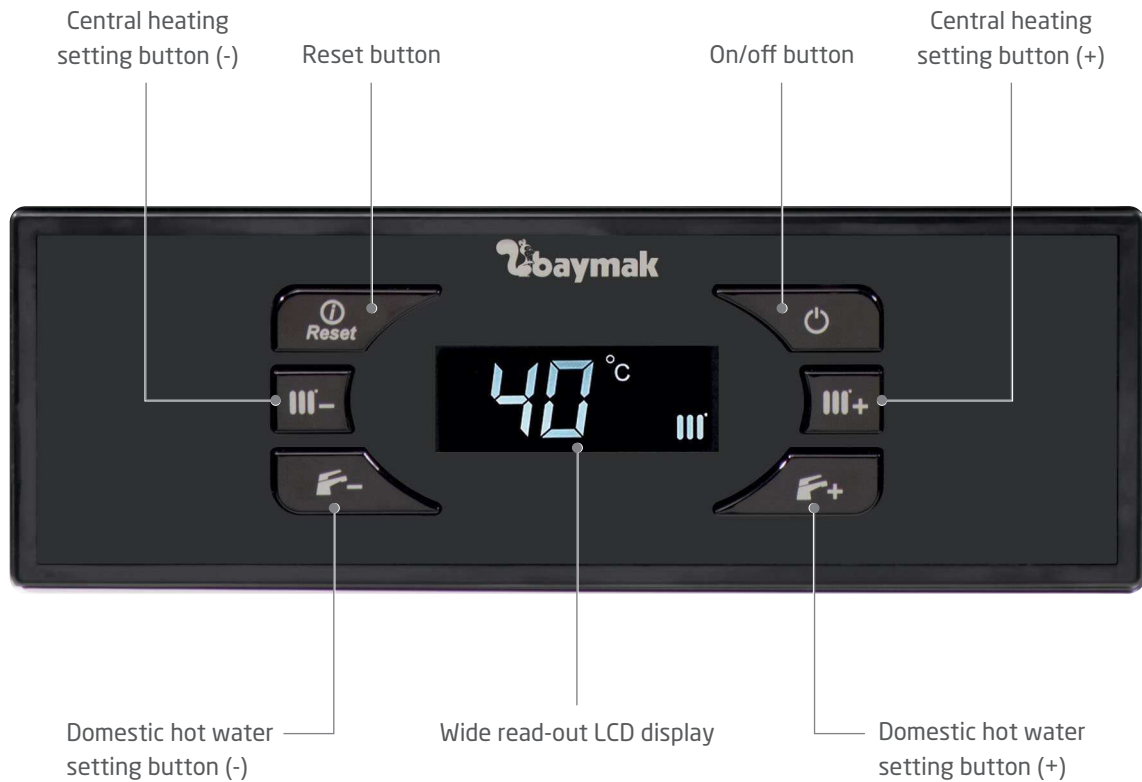
BYP-HE COMPACT

Premix Technology Condensing Wall Hung Boiler (BYP-HE COMPACT 24-30)

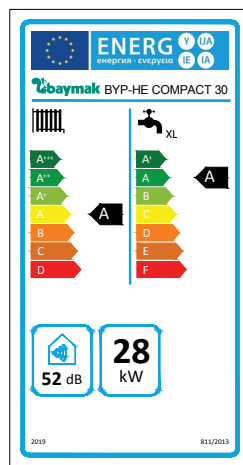


- 24 and 30 kw heating capacity
- Complete savings thanks to Premix fully condensing technology
- Space-saving due to its compact size
- Modulating circulation pump
- Combustion group with Cold burner door technology
- Complete anti-frost protection in heating and service water circuit
- NOx class 6
- Hydraulic group made of brass material
- Comfortable warming with combustion chamber equipped with Premix technology and stainless steel helical heat exchanger
- Suitable for natural gas combustion with stainless cylindrical steel burners
- Service water heat exchanger with stainless steel plate
- Pump and 3-way valve blockage protection
- Fault code display
- Silent operation

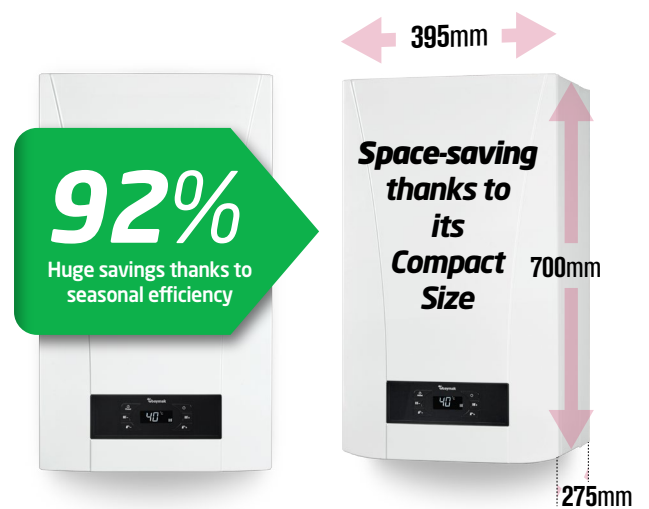
User Interface



BYP-HE COMPACT 24



BYP-HE COMPACT 30



Technical Data Table

Models		BYP-HE COMPACT 24	BYP-HE COMPACT 30
HEATING SPECIFICATIONS			
Seasonal heating efficiency (η_s)	%	92	92
Nominal heat power (Prated)	kW	22	28
Maximum heat power - central heating 80-60°C (P4)	kW	21,7	27,7
Minimum heat power - central heating 80-60°C	kW	4,2	5,5
Rated heat power efficiency 80-60 (η_4)	%	86,3	86,1
Rated heat power under 30% partial load (P1)	kW	7,3	9,4
Efficiency under 30% (η_1)	%	96,9	96,8
Maximum heat power - central heating 50-30°C	kW	23,7	30,4
Minimum heat power - central heating 50-30°C	kW	4,7	6,1
Annual energy consumption for space heating	GJ	68	87
Maximum pressure of central heating circuit	bar	3	3
Expansion tank capacity	l	7	7
HOT WATER SPECIFICATIONS			
Hot water load profile		XL	XL
Seasonal hot water efficiency class		A	A
Hot water efficiency	%	85,2	84,4
Annual use of electrical power for water heating	kWh	30	30
Annual fuel consumption for water heating	GJ	17,935	18,201
Service water flow rate	l/dk	11	14,5
Min. service water outlet	l/dk	2	2
Service water circuit max. pressure	bar	8	8
Service water circuit min. dynamic pressure	bar	0,15	0,15
OTHER SPECIFICATIONS			
Sound power	dB(A)	52	52
Chimney flue type	-	C13 - C33 - B23 - C53	C13 - C33 - B23
Standard chimney size	mm	60 / 100	60 / 100
NOx class	-	6	6
Supply voltage	V / Hz	230 / 50	230 / 50
Electrical load	W	97	97
Net weight	kg	28	29
Dimensions (HxWxD)	mm	700x395x275	700x395x275
Electrical protection		IP X4D	IP X4D

Room Thermostats



Programmable Room Thermostat (Wireless)
(100021978)



Programmable Room Thermostat (Wired)
(16900402)



Programmable Room Thermostat (Wireless)
(16900403)



BDR THERMEA GROUP

Orta Mahalle, Akdeniz Sok. No: 8 Tuzla 34959 - İSTANBUL
Tel: +90 216 581 65 00 Faks: +90 216 581 65 82

www.baymak.com.tr

KT-24-01-39 Yayın Tarihi: 05.02.2019 Rev.No: 3 Rev.Tarihi: 24.02.2023

Authorized Dealer

