

RESIDENTIAL
BOILER
SYSTEMS

BYL-HE / Condensing Wall Hung Gas Boiler



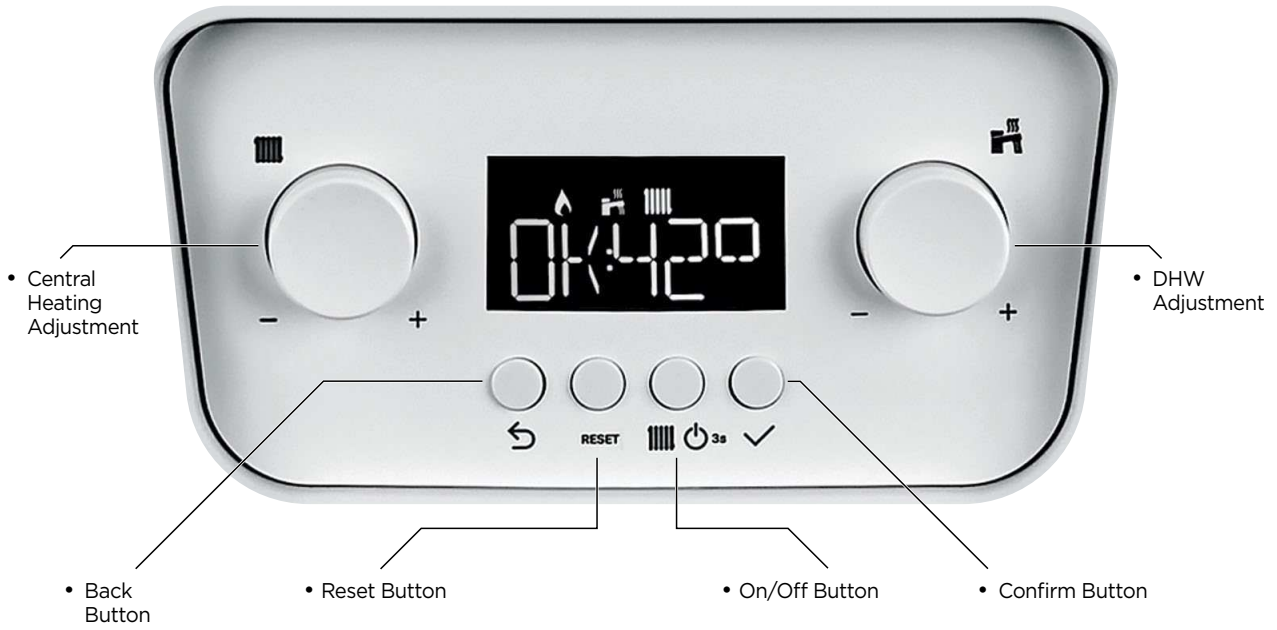
BYL-HE

Condensing Wall Hung Gas Boiler With Pre-mix Technology (BYL-HE 24-30-35)

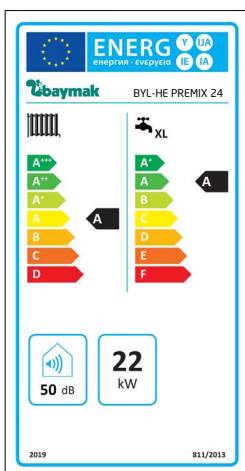


- New and superior European Technology
- Compatible with working up to 20% hydrogen mixture
- Specially designed and high quality components of the BDR platform
- ErP energy efficiency class A
- Less gas consumption and high efficiency with Premix full condensation technology
- Special designed silencer and high density lower noise level thanks to isolation
- Compact design and serviceability thanks to its compact dimensions
- Easily adjustable and user-friendly control panel
- Long-lasting electronic card usage with PWM controlled fully modulated circulation pump
- Fan and heat exchanger protection thanks to the backflow flap
- High hot water comfort thanks to water pre-heating feature
- With resistable brass hydroblock, long-lasting use,
- Ability to observe the water pressure of the installation sensitively on the digital screen
- Suitable for natural gas, propane and LPG with the stainless cylindrical steel burner

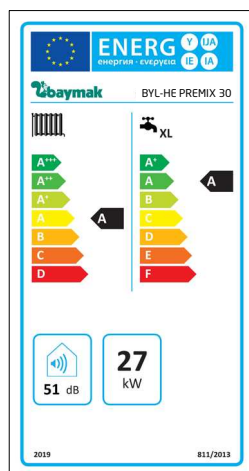
User Interface



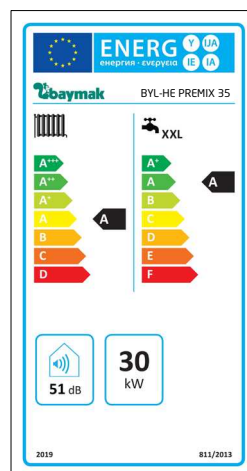
ERP Labels



BYL-HE 24



BYL-HE 30



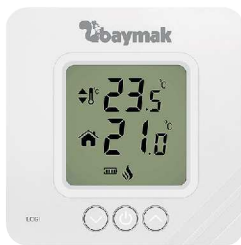
BYL-HE 35



Technical Data Table

Models		BYL-HE 24	BYL-HE 30	BYL-HE 35
CH FEATURES				
Seasonal heating energy efficiency class		A	A	A
Seasonal heating efficiency	%	94	94	94
Nominal Power - CH 80-60°C (Pn)	kW	22,0	27,1	30
Minimum Power - CH 80-60°C (Pn)	kW	4,8	5,8	7,3
Nominal heating power efficiency 80-60	%	88,1	87,9	88,1
Rated heat power at %30 nominal partial load P1	kW	7,4	9,1	10,1
Efficiency at %30 nominal partial load	%	98,9	98,8	98,8
Nominal Power - CH 50-30°C (Pn)	kW	23,9	29,5	32,5
Minimum Power - CH 50-30°C (Pn)	kW	5,2	6,3	7,9
Annual energy consumption for CH	GJ	67	83	92
CH maximum pressure	bar	3	3	3
Expansion tank capacity	l	7	7	7
DHW FEATURES				
DHW load profile		XL	XL	XXL
Seasonal DHW efficiency class		A	A	A
DHW heating capacity	kW	24,0	29,1	35,0
DHW heating efficiency	%	88	88	86
Annual energy consumption for DHW	kWh	33	34	37
Annual gas consumption for DHW	GJ	17	17	22
Flow rate at (dT = 25 °C)	l/dk	13,8	16,7	20,1
Min DHW flow rate	l/dk	1,5	1,5	1,5
DHW max pressure limit	bar	8	8	8
DHW min pressure limit	bar	0,15	0,15	0,15
OTHER FEATURES				
Sound level	dB(A)	50	51	51
Flue type	-	C13 - C13(x) - C33 - C33(x) - C43 - C43(x) - C53 - C63(x) - C83 - C93 - B23P		
Standart flue radius	mm	60 / 100		
Nox class	-	6	6	6
Supply voltage	V / Hz	230 / 50	230 / 50	230 / 50
Electrical load	W	78	92	110
Net weight	kg	28	29,5	30
Dimensions (HxWxD)	mm	700x395x285	700x395x285	700x395x285
Electrical protection		IP X5D	IP X5D	IP X5D

Room Thermostats



Logi Room Thermostat
(100021978)



Baymak idee Programmable Wireless Room
Thermostat (16900403)



Baymak Logi Pro Wireless Room Thermostat
(100022440)



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KT-24-01-59 Yayın Tarihi: 30.09.2022 Rev.No: 2 Rev.Tarih: 24.02.2023

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