

# ZASS

## ECOFEL COMBI BOILERS



*Create your own climate*



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# COMBI BOILERS



- 24 kW / 20,640 kcal/h Hermetic
- Compact design small dimensions
- % 93 Efficiency
- NOx Class 4 (EN483)
- Super quiet operation
- Natural Gas or LPG
- Copper heat exchanger
- Hot instant water even with low water pressure (0,5 bar)
- Quiet and long-lasting pump
- Easy installation and maintenance
- Room thermostat (optional)
- Electronic ignition and full modulation



## HIGHEST SAFETY SYSTEMS

1. Exhaust Fume Safety Function
2. Anti-Block / Pump Function
3. Anti-Overheating Function
4. Protection against combustion without water
5. Ionisation Flame Control
6. 3 Bar Safety Valve
7. Automatic Air Purge
8. Anti-Freeze Function
9. Low Voltage Protection System
10. Automatic Bypass System
11. Electrical Protection (IPX4D-IP44)

	Unit	Ecofel KB1-24 CE
Max/Min. Rated Heating Capacity (heating)	kW	24,3/9,02
Max. Rated Heating Capacity (sanitary)	kW	24,3
Total Absorbed Electric Power	Watt	110
Supply Voltage/Frequency	Volt/Hz	220/50
Electric System Protection	IP	X4D
Max. Gas Consumption (G20)	m <sup>3</sup> /h	2,7-1,0
Max. Gas Consumption (G30)	kg/h	2,05-1,15
<b>Operation Features</b>		
Methane Gas Supply Pressure G20	mbar	20
Liquid Gas Supply Pressure G30	mbar	28
<b>Heating Circuit</b>		
Heating Circuit Pressure	bar	3-0,5
Max/Min. Heating Temperature	°C	82/35
Expansion Tank Capacity	liter	7
<b>Sanitary Circuit</b>		
Sanitary Circuit Pressure	bar	6/0,5
Minimum Flow Rate	liter/min.	2,7
Specific Flow Rate (first 10' with T=30°C)	liter/min.	25 C 11,3
Max/Min. Sanitary Water Temperature	°C	55/35
<b>Measures</b>		
Dimensions (H x W x D)	mm	730*403*345
Weight	kg	35
Pipe Diameter	mm	60/100
Max. Length of Chamber	m	3

\*Airfel, reserves the right to amend the specifications in the technical tables without prior notice for product improvement.

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