

# NIKE & EOLO STAR

Wall-hung traditional combi boilers

# NIKE/EOLO STAR

## COMPACT DIMENSIONS AND ADVANCED FUNCTIONALITY

Immergas, leader company in the production of wall-hung boilers, presents the new range of traditional combi instantaneous boilers NIKE and EOLO Star 24. The Star range is characterised due to extremely compact dimensions, modern and elegant design, high performances and advanced functionality.

NIKE and EOLO Star feature 24 kW heat output, both in the heating and in the domestic hot water production functioning. The NIKE model is a conventional flue boiler, while the EOLO version is a fan assisted one.

## INNOVATIVE CONTROL PANEL FOR TOP ERGONOMICS

NIKE and EOLO Star 24 boilers are praised for their modern and functional design, while with a depth of 24 cm only they can be absolutely regarded among the most compact boilers, making it possible to place them inside any wall cupboard.

The boilers aesthetics is highlighted by the innovative digital display of the control panel, ensuring a simple and intuitive use of the boiler while allowing to keep all the main operating information, set temperatures and use parameters always under control. The electronics equipping the Star models allows for the combination with the Digital Remote Control (CRD); this device allows to control the boiler at a distance while increasing its energy performances, thus guaranteeing maximum home comfort and remarkable money saving.

## FAST DOMESTIC HOT WATER SUPPLY

The Star range is equipped with a bithermal heat exchanger and integrates both the heating and the sanitary hot water production circuits. Therefore the heat exchanger guarantees fast hot water supply and considerable simplification of the hydraulic circuit, in favour of reliability and maintenance easiness.

## EXTREME VERSATILITY

Star boilers are equipped with a compact hydraulic group, realized by Immergas to meet all modern system exigencies, incorporating an automatic by-pass particularly useful in case of systems with thermostatic or zone valves.

Moreover the fan assisted model EOLO gives the possibility to use the openings positioned on both sides, to the right and to the left of the concentric flange, for the combustion air intake.

The installation procedures are made extremely easy thanks also to the reduced weight of these boilers and to their functional accessory kits.



**NIKE/EOLO STAR**  
**COMPACT DIMENSIONS**  
**ITALIAN DESIGN**  
**DIGITAL DISPLAY**  
**BITHERMAL EXCHANGER**





## CHARACTERISTICS OF THE RANGE

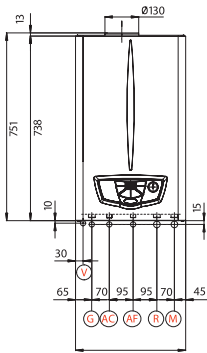
- Open chamber conventional flue model (NIKE) and sealed chamber fan assisted model (EOLO), both with heat output of 24 kW
- Compact dimensions
- Digital display
- Bithermal heat exchanger for heating and fast domestic hot water production
- Automatic system by-pass
- IPX5D protection index (for EOLO model)
- Electronic Ignition and modulation
- Electronic control board microprocessor driven
- Possible connection to Immergas Digital Remote Control (CRD)
- Air intake double openings for twin pipe systems
- Optional connection group

Model	Heat output kW	Efficiency rating (D.P.R.660/96)	Open chamber conventional flue	Sealed chamber fan assisted	Protection index	Frost protection	D.H.W. production ( $\Delta T=30^{\circ}\text{C}$ )	Optional connection group
NIKE Star 24	23,6	2 stars	■		IPX4D	-5°C	11,1 l/min	3.015229
EOLO Star 24	23,8	3 stars		■	IPX5D	-5°C	11,1 l/min	3.015229

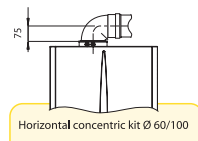
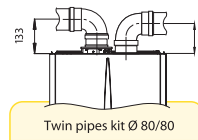
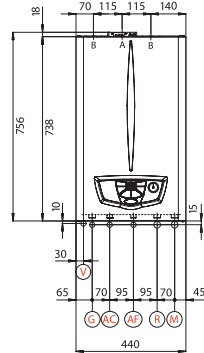
# Technical Information

CE 0051BT3620 (EOLO model)  
0051BT3624 (NIKE model)

NIKE Star 24



EOLO Star 24



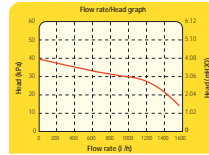
**KEY**

- V Electrical connection
- G Gas supply
- AC Hot domestic water outlet
- AF Cold domestic water inlet
- R System return
- M System delivery
- A Outlet/Inlet
- B Inlet

**Hydraulic connections**

Gas	System		Domestic hot water	
G	R	M	AC	AF
1/2"	3/4"	3/4"	1/2"	1/2"

Available head in the system at maximum speed with automatic by-pass



**Technical data**

	Unit of measurement	NIKE Star 24 3 E	EOLO Star 24 3 E
Code	N.G. L.P.G.	3.019479 3.019479GPL	3.019480 3.019480GPL
Maximum nominal heat input	kW	25,9	25,5
Minimum nominal heat input	kW	8,1	7,6
Maximum nominal heat output	kW	23,6	23,8
Minimum nominal heat output in heating mode	kW	9,5	11,5
Minimum nominal heat output in D.H.W. mode	kW	7,0	6,8
Efficiency at nominal heat output (80/60°C)	%	91,1	93,4
Efficiency at 30% of load (80/60°C)	%	90,3	90,2
Gas consumption at nominal heat output*	m³/h	2,74	2,70
Weighted CO*	mg/kWh	53	61
Weighted NOx*	mg/kWh	137	139
D.H.W. flow rate for continuous service (ΔT=30°C)	l/min	10,4	11,1
D.H.W. circuit max pressure	bar	10	10
Min. dynamic D.H.W. circuit pressure	bar	0,3	0,3
Min. D.H.W. flow rate	l/min	< 2	< 2
Central heating circuit max pressure	bar	3	3
Central heating expansion vessel capacity	litres	6	6
Full appliance weight	Kg	25	30

\*with natural gas



During the life of a boiler, performance is influenced by external factors, e.g. water hardness, atmospheric agents, system limiting, etc. The published data refers to new products correctly installed and used, in accordance with local regulations. N.B. we recommend regular periodic maintenance of the appliance.



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