

Open combustion chamber

TGE LX

Capacity: 220 ÷ 800 l

DHW production: 485l ÷ 905 l/h

Heating time: 19' ÷ 69'



The new range of water heaters with natural flue draft of the TGE LX are manufactured in accordance with the new Low NOx 812-814/2013 standard on low NOx emissions and they are set up for methane operation. For LPG operation code for Kit LPG must be added.

The appliances have an electric gas valve and electronic flame ionisation ignition. All the functions are controlled by an electronic control unit which monitors the correct system operation along with the detection electrode, work and safety thermostats.

The TGE LX series has several benefits compared to traditional appliances with a pilot flame:

- Lower running costs due to the absence of a pilot flame.
- No possibility of failed operation due to the pilot being blown out by the wind, draughts or poor pilot adjustment.

They have multi-gas burners in stainless steel, which operate with both natural gas and LPG, a SCD (Smoke Control Device) which interrupts the flow of gas to the burner in the presence of leakages and/or combustion faults, and a steel glass-line flue. The easily inspected magnesium anode and 50-mm thick rigid polyurethane insulation ensure a long life span and cost-saving operation.

The front inspection flange ensures easy cleaning of the interior and quick replacement of the magnesium anode.

The capacities available range from 160 up to 800 litres and with power from 12 to 28 kW.

Glass-lined coated steel tank at 860°C.



Codes/Prices

Cap. l	Code	Price	Energy class	Dimensions with vertical packaging		
				H mm	L mm	P mm
220	163TGE0200		C	1670	780	780
300	163TGE0300		C	2020	780	780
400	163TGE0400		C	2370	780	780
585	163TGE0600		C	2060	980	980
800	163TGE0800		C	2370	980	980

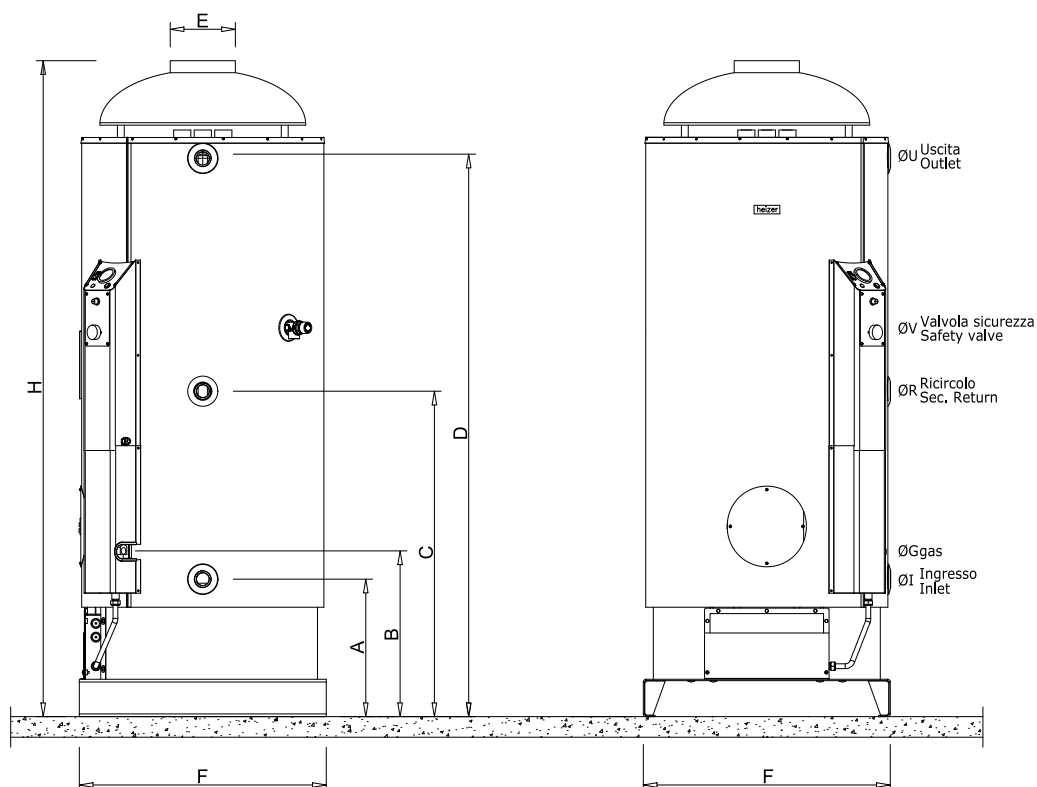
For LPG functioning add transformation kit

Codes/Prices Accessories

Description	Code	Price
Kit from methane to LPG TGE-2 LX	163Z000002	
Kit from methane to LPG TGE-3 LX	163Z000003	
Kit from methane to LPG TGE-4 LX	163Z000004	
Kit from methane to LPG TGE-6 LX	163Z000005	
Kit from methane to LPG TGE-8 LX	163Z000006	

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Technical features

Description		TGE-2 LX	TGE-3 LX	TGE-4 LX	TGE-6 LX	TGE-8 LX
Capacity	l	220	300	400	585	800
Gross weight	kg	190	226	266	268	326
Net weight	kg	173	206	243	246	301
Gas fitting	Ø	1/2"	1/2"	1/2"	1/2"	1/2"
Voltage	V	220/240	220/240	220/240	220/240	220/240
Max. working pressure	bar	6	6	6	6	6
Gas consumption						
- methane	m³/h	2,4	2,5	2,5	2,9	3
- LPG	kg/h	1,8	1,9	1,9	2,1	2,2
NOx emissions	mg/kWh	26	29	36	35	37
Energy class		C	C	C	C	C
Load profile		2XL	2XL	2XL	2XL	2XL
Efficiency		86%	85%	89%	86%	90%
Heat output	kW	23	24	24	27	28
Treatment		Glass lining at 870°C				
Heating time $\Delta t=35^{\circ}\text{C}/\Delta t=25^{\circ}\text{C}$	min.	27' / 19'	37' / 26'	46' / 33'	56' / 40'	69' / 49'
Continuous production $\Delta t=35^{\circ}\text{C}/\Delta t=25^{\circ}\text{C}$	l/h	485 / 680	501 / 702	525 / 735	623 / 873	646 / 905

Dimensions

Model	Capacity litres	A	B	C	D	E	F	H	ØU-ØI	ØV-ØG	ØR-ØS
TGE-2 LX	220	401	473	949	1278	180	720	1551	1"1/4	1/2"	1"1/4
TGE-3 LX	300	401	473	949	1628	180	720	1896	1"1/4	1/2"	1"1/4
TGE-4 LX	400	401	467	952	1978	180	720	2246	1"1/4	1/2"	1"1/4
TGE-6 LX	585	402	468	1019	1637	180	920	1911	1"1/4	1/2"	1"1/4
TGE-8 LX	800	402	462	1019	1987	180	920	2260	1"1/4	1/2"	1"1/4



The TGE LX series uses a new burner with low NOx emissions