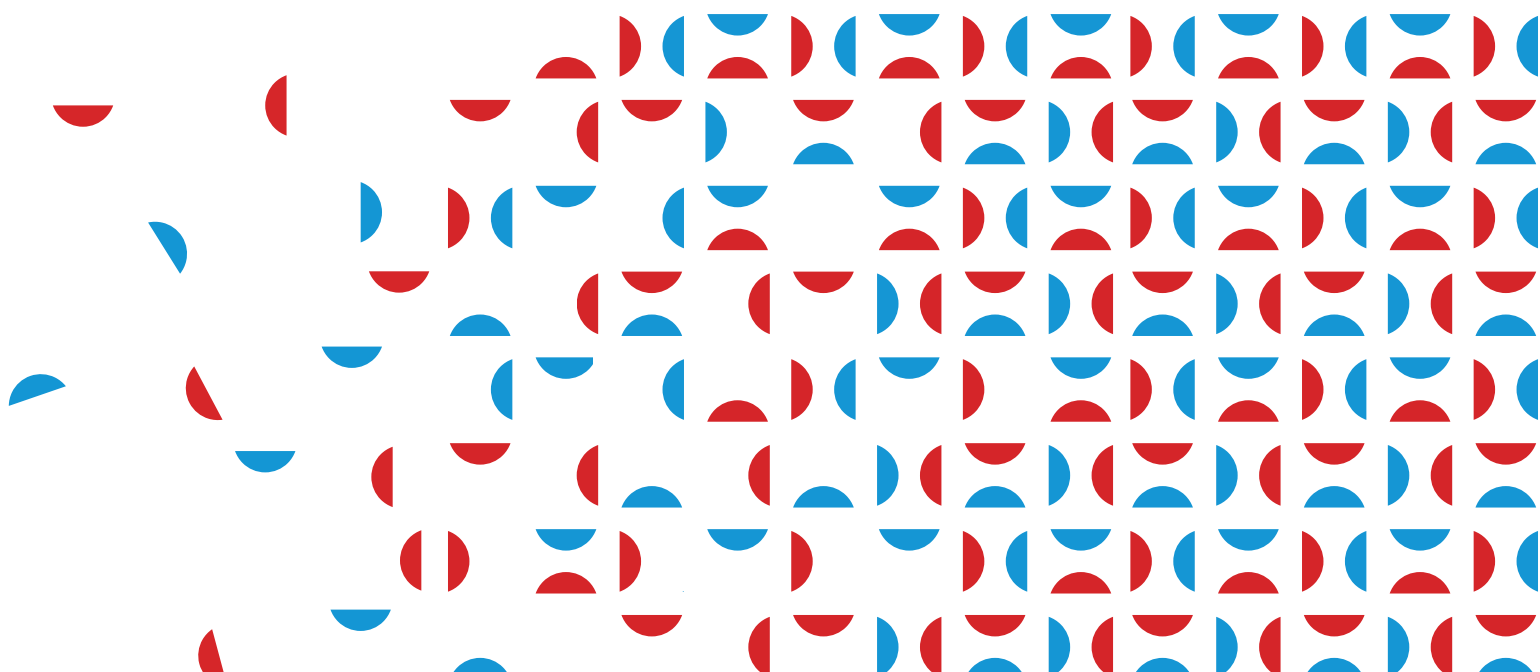


GAS AND ELECTRIC WATER HEATERS

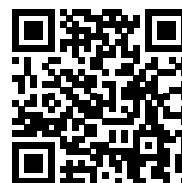
GAS OPEN CHAMBER WATER HEATERS

TGE LX



Gas Open Chamber Water Heaters

TGE LX



PRICES

ACCESSORIES
PRICES

Capacity: 220 to 800 l

Hot water production: 485l ÷ 905 l/h

Warm-up time: 19' ÷ 69'

The new range of open-chamber, natural draught water heaters in the TGE LX series are manufactured in accordance with the new Low NOx regulation 812-814/2013 and are designed for natural gas operation. For LPG operation add the LPG kit code. The appliances are equipped with an electric gas valve and electronic flame ionisation ignition. The control of the various functions is managed by an electronic control unit, which oversees, together with the detection electrode and the operating and safety thermostats, the correct operation of the system.

The TGE LX series has certain advantages over conventional pilot flame appliances:

- Lower running costs due to the absence of the pilot flame.
- No possibility of failure due to pilot shutdown caused by wind, air currents or poor pilot adjustment.

They are equipped with stainless steel multi-gas burners, running on both natural gas and LPG, with a DCF (Flue Gas Control Device) that interrupts the flow of gas to the burner in the event of exhaust and/or combustion anomalies, and with a glass-lined steel flue hood. The easily inspectable magnesium anode and 50 mm rigid polyurethane insulation ensure long life and economy of operation.

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

The available capacities range from 220 to 800 litres while the powers from

23 to 28 kW. Glass-lined tank at 860° C.



Codes/Prices

Cap. l	Code	Price	Energy class	Dimensions with vertical packaging		
				H mm	L mm	P mm
220	163TGE0200	3.112,00 €	C	1630	780	780
300	163TGE0300	3.894,00 €	C	1980	780	780
400	163TGE0400	4.454,00 €	C	2330	780	780
585	163TGE0600	5.785,00 €	C	2020	980	980
800	163TGE0800	7.127,00 €	C	2330	980	980

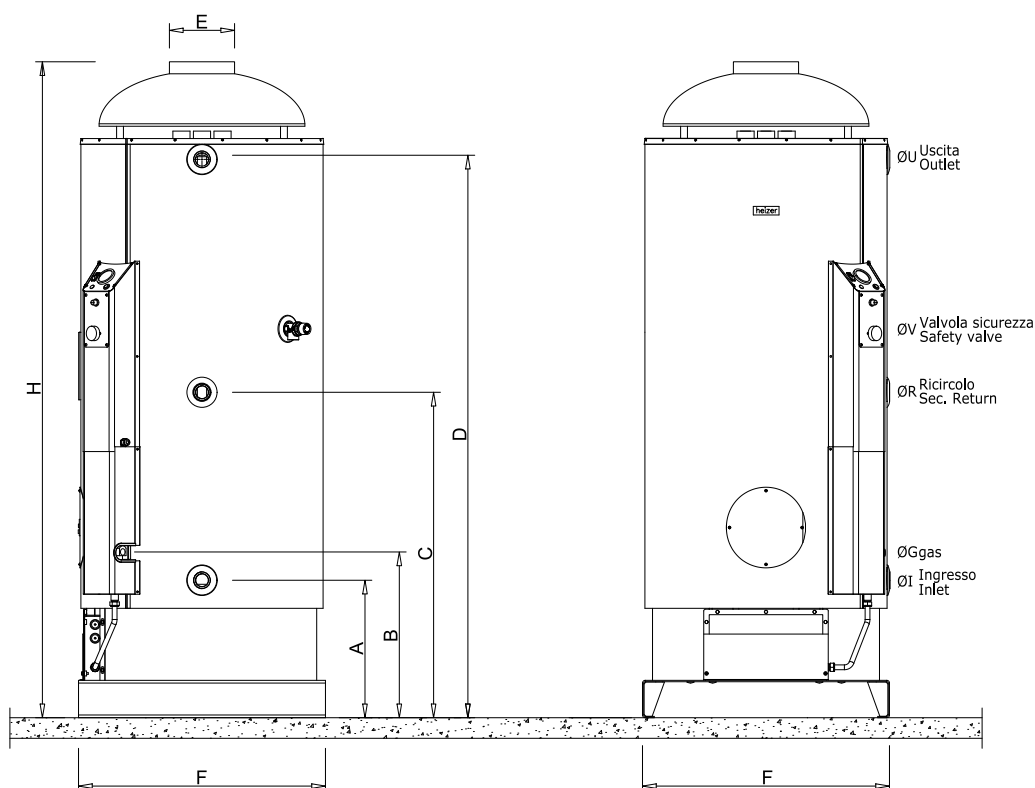
For LPG operation add conversion kit

Codes/Prices Accessories

Description	Code	Price
CNG to LPG conversion kit TGE-2 LX	163Z000002	69,00 €
CNG to LPG conversion kit TGE-3 LX	163Z000003	69,00 €
CNG to LPG conversion kit TGE-4 LX	163Z000004	69,00 €
CNG to LPG conversion kit TGE-6 LX	163Z000005	69,00 €
CNG to LPG conversion kit TGE-8 LX	163Z000006	69,00 €

Gas Open Chamber Water Heaters

TGE LX



Technical specifications

Description		TGE-2 LX	TGE-3 LX	TGE-4 LX	TGE-6 LX	TGE-8 LX
Capacity	l	220	300	400	560	740
Full weight	kg	393	506	643	831	1041
Net weight	kg	173	206	243	246	301
Gas connection	Ø	1/2"	1/2"	1/2"	1/2"	1/2"
Voltage	V / Hz / W	230 / 50 / 10	230 / 50 / 10	230 / 50 / 10	230 / 50 / 10	230 / 50 / 10
Max. operating pressure	bar	6	6	6	6	6
Gas consumption						
- methane	m ³ /h	2,4	2,5	2,5	2,8	2,9
- LPG	kg/h	1,8	1,9	1,9	2,1	2,2
NOx emissions	mg/kWh	26	29	36	37	37
Energy class		C	C	C	C	C
Load profile		XXL	XXL	XXL	XXL	XXL
Efficiency		86%	85%	89%	86%	90%
Heat flow rate	kW	19,8	20,9	20,9	25,4	26,3
Treatment		Glass-lining at 870°C				
Heating time Δt=50°C/Δt=25°C	min.	39' / 19'	51' / 26'	65' / 33'	80' / 40'	98' / 49'
Continuous production Δt=50°C/Δt=25°C	L/h	264 / 528	360 / 720	480 / 960	702 / 1404	888 / 1776
Continuous production Δt=50°C	L/h	340	360	370	360	370

Dimensions

Model	Capacity L	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	1910	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.

Wenkel S.r.l

Registered and operating office: Via E. Mattei 13/F – 31030 Casier (TV) – P.I. e C.F. 08456530966 – REA: TV-422447

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