

Electronic high recovery water heaters

GPE

The GPE series are the most technological and high-powered of all gas water heaters with an open combustion chamber. The use of high powered devices is recommended in situations where high amounts of hot water have to be produced in small spaces. In comparison to the other heaters, more than twice the amount of water can be produced by the GPE water heaters thanks to the high power which is used.

These devices are equipped with an electrical gas valve and an electronic ignition with flame ionization. All operations are commanded by a control unit which supervises the correct functioning of the device, together with the revelation electrode and the operation and safety thermostat. The ignition of the devices can be programmed from a distance through a programmable weekly timer which is connected to a command unit. The GPE series have a number of advantages in comparison to the GP series:

- ✓ less operating costs because of the absence of a pilot flame
- ✓ No malfunctioning thanks to the extinction of the pilot flame by the wind, air currents or a bad setting of that flame.

The devices in the GPE series are equipped with stainless steel multi gas burners, which function with methane or LPG, an inspection flange and a device which controls the fumes (DCF). This device interrupts the gas flow to the burner in case of abnormal discharge and/or combustion. Magnesium anodes which can be easily inspected and insulation with high density glass wool fibre blankets ensure a long life span and easy use. The available capacities are from 300 to 2000 litres with power between 49 and 81 kW.

Features

- ✓ High power
- ✓ Electronic ignition
- ✓ Open combustion chamber
- ✓ Version available with LPG and methane



description	code	price
GPE-3 lt. 300, power 49 kW	855020050X	
GPE-4 lt. 400, power 49 kW	855020051X	
GPE-5 lt. 500, power 58 kW	855020052X	
GPE-8 lt. 800, power 81 kW	855020053X	
GPE-10 lt. 1000, power 81 kW	855020054X	
GPE-20 lt. 2000, power 81 kW	855020055X	

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Model	Capacity	A	B	E	F	H	I	L	P
	l	mm							inch
GPE-3	300	730	1645	650	180	320	520	1400	3/4"
GPE-4	400	730	1945	650	180	320	520	1710	1"
GPE-5	500	780	2005	700	180	320	520	1770	1"
GPE-8	800	980	1985	900	200	320	530	1700	11/4"
GPE-10	1000	1080	2025	1000	200	320	530	1750	11/4"
GPE-20	2000	1280	2475	1200	200	320	530	2200	11/4"

		GPE-3	GPE-4	GPE-5	GPE-8	GPE-10	GPE-20	
Capacity	l	300	400	500	800	1000	2000	
Gross weight	kg	164	198	234	332	371	586	
Net weight	kg	137	165	195	277	309	489	
Package dimensions	height	183	212	217	203	203	255	
	width	82	82	89	110	120	140	
	depth	82	82	89	110	120	140	
Gas fitting	ø	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	
Tension	V	220/240	220/240	220/240	220/240	220/240	220/240	
Methane	m ³ /h	4,92	4,92	5,82	8,12	8,12	8,12	
	LPG	kg/h	3,65	3,65	4,32	6,03	6,03	6,03
Max operating pressure	bar	6	6	6	6	6	6	
Thermal flow	kW	49	49	58	81	81	81	
Treatment		Glass-lining at 870°C				Hot-dip galvanization		
Heating time	min.	Δt=35°C	18'	23'	25'	29'	36'	67'
		Δt=25°C	13'	17'	18'	21'	26'	48'
Continuous production	L/h	Δt=35°C	1032	1032	1221	1710	1710	1710
		Δt=25°C	1445	1445	1709	2394	2394	2394