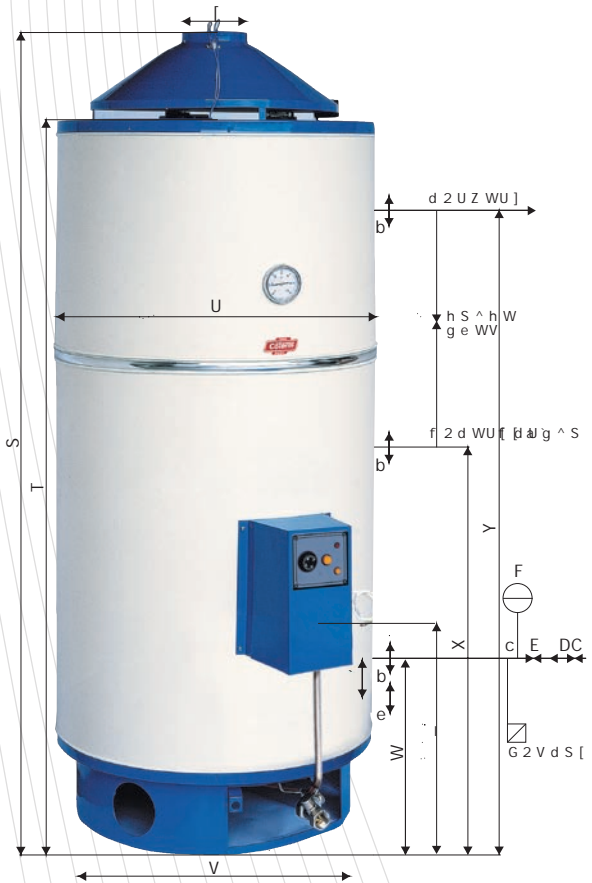


Serie BGE

Gas Fired Industrial Duty Water Storage Heaters With Natural Draft - Electronic Ignition



Industrial duty gas fired water heater designed to provide a highly cost effective water boiler for high users (SPORT CENTRES, HOSPITALS, LARGE PREMISES, CAMP SITES, HOTELS, REST HOMES, GYMS, SAUNAS ETC.).

BOILER: made of top quality and very thick steel casing, featuring a carefully applied, double cryolite glass or galvanised finish, which ensures a higher resistance to scaling.

CASING: pre-painted sheet metal.

BURNER: Stainless steel burner electronically ignited by means of ionizing flame detection.

INSULATION: made of fibreglass rolls, which ensure an even insulation.

MODEL	BGE	BGE	BGE	BGE	BGE	BGE	BGE	BGE	BGE	BGE
LITERS	150	200	300	400	500	600	800	1000	1500	2000
A	1300	1500	1700	1760	1990	2090	2000	2220	2180	2500
B	1200	1400	1500	1560	1790	1890	1800	2020	1900	2300
C	540	540	700	750	750	800	990	990	1290	1290
D	480	480	600	650	650	700	900	900	1200	1200
E	360	360	375	380	380	390	460	460	340	340
F	600	725	845	850	920	990	950	1070	840	940
G	1230	1430	1235	1270	1520	1610	1440	1680	1400	1800
I	100	100	140	140	140	140	160	160	160	160
M	400	400	620	630	630	660	710	720	450	450
N	/	/	100	100	100	100	120	120	120	120
P	3/4"	3/4"	1" 1/4	1" 1/4	1" 1/4	1" 1/4	1" 1/4	1" 1/4	1" 1/4	1" 1/4
Q	COLD WATER INLET 1 - SHUTOFF VALVE 2 - PRESSURE REDUCER 3 - SAFETY VALVE 4 - EXPANSION TANK									
R	HOT WATER OUTLET									
S	DRAINAGE CONNECTION - 1/2" 5 - DRAIN VALVE									
T	RECIRCULATION CONNECTION									
WEIGHT (Kg)	55	64	107	117	135	158	252	285	350	420

MODEL	SERIE BGE										
	UM	150	200	300	400	500	600	800	1000	1500	2000
CAPACITY OF THE TANK	Litri	150	200	240	390	450	565	780	950	1450	1900
NOMINAL HEAT INPUT	kW	9,9	9,9	17,4	23,7	23,7	23,7	37,0	37,0	42,0	42,0
WORKING THERMAL POWER	kW	8,2	8,2	14,6	19,9	19,9	19,9	32,5	32,5	35,3	35,3
FUME EVACUATION DUCT Ø	mm	100	100	140	140	140	140	160	160	160	160
MAX WATER PRESSURE	bar	6	6	6	6	6	6	6	6	6	6
FUME TEMPERATURE	°C	176	176	125	120	115	115	123	123	123	123
RECOVERY TIME 45° C	min.	40	43	45	33	36	40	38	34	67	70
CONSTANT DRAWING AT 45° C	l/h	195	195	418	570	570	570	1035	1047	1047	1100
CONSTANT DRAWING AT 65° C	l/h	117	117	251	342	342	342	621	628	628	650
NATURAL GAS - 20 mbar PRESSURE											
CONSUMPTION	m3/h	1	1	1,8	2,5	2,50	2,5	3,90	3,90	4,44	4,44
BURNER NOZZLE Ø	mm	2,40	2,40	3,45	4,10	4,10	4,10	3,15x3	3,15x3	3,15x3	3,15x3
PRESSURE TO BURNER	mbar	15,5	15,5	13,3	11,6	11,6	11,6	11,7	11,7	13,5	13,5
MASS FUME CAPACITY	g/s	6,7	6,7	19,6	18,8	18,8	18,8	32,0	32,0	30,2	30,2
GPL G30/G31 - 30/37 mbar PRESSURE											
CONSUMPTION	Kg/h	0,75	0,75	1,30	1,80	1,80	1,80	2,90	2,90	3,30	3,30
BURNER NOZZLE Ø	mm	1,60	1,60	1,95	2,40	2,40	2,40	1,80x3	1,80x3	1,85x3	1,85x3
MASS FUME CAPACITY	g/s	12,3	12,0	21,5	19,0	19,0	19,0	30,6	30,6	28	28

