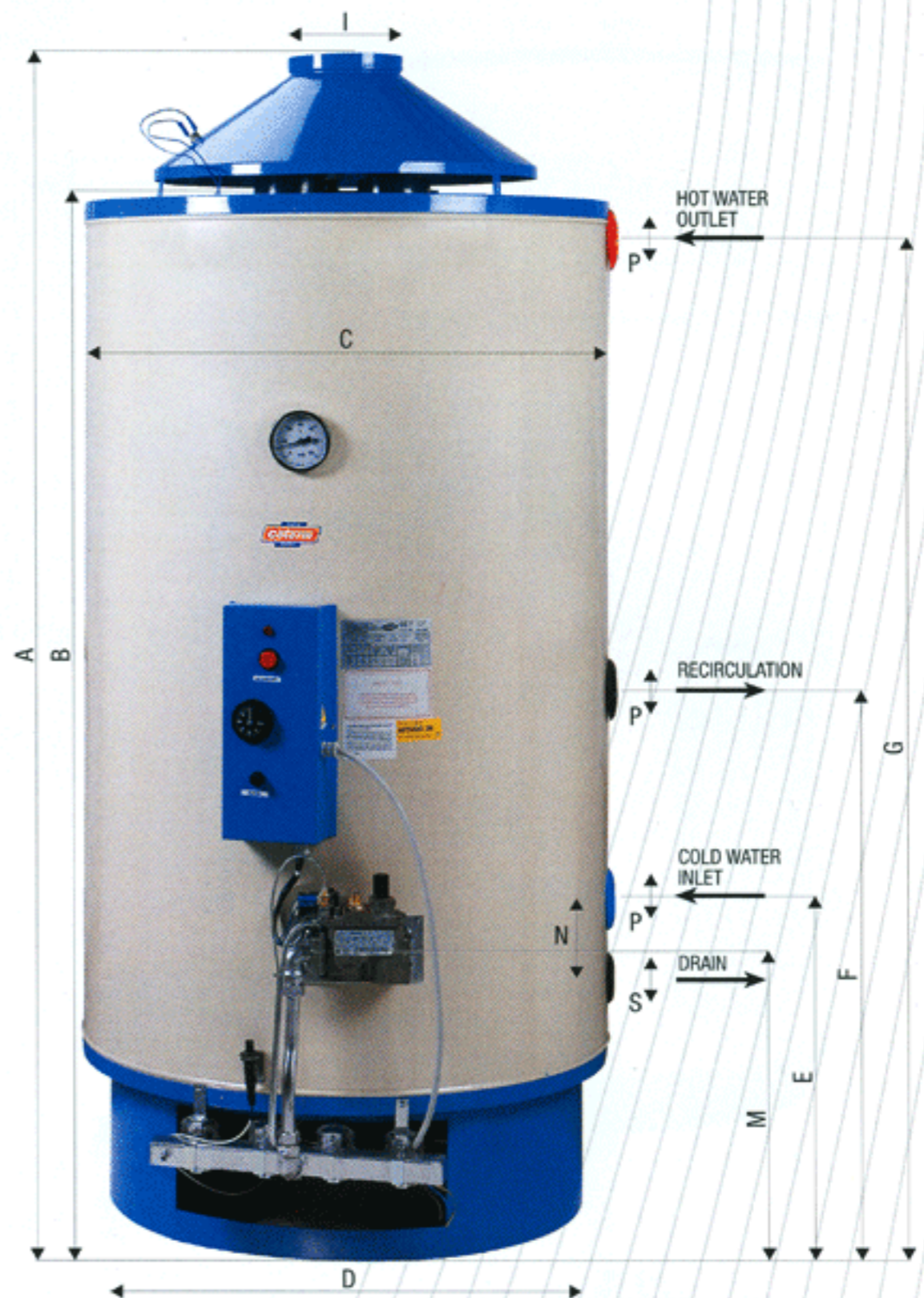


# Serie BGP

## Cryolite Glass Finished Industrial Duty Gas Water Heaters With Natural Draft - Pilot Light

MODEL	BGP	BGP	BGP	BGP
LITERS	300	400	500	900
A	1590	1890	1980	1950
B	1390	1690	1780	1750
C	750	750	800	990
D	650	650	700	900
E	440	440	440	480
F	710	930	930	1120
G	1330	1610	1710	1850
I	200	200	200	200
M	520	520	520	520
N	120	120	120	105
P	1"¼	1"¼	1"¼	1"¼
Q	<b>COLD WATER INLET</b> 1 - SHUTOFF VALVE      3 - SAFETY VALVE 2 - PRESSURE REDUCER    4 - EXPANSION TANK			
R	<b>HOT WATER OUTLET</b>			
S	<b>DRAINAGE CONNECTION - ½"</b> 5 - DRAIN VALVE			
T	<b>RECIRCULATION CONNECTION</b>			
WEIGHT (Kg)	165	180	215	320

MODEL	SERIE BGP				
	UM	300	400	500	900
CAPACITY OF THE TANK	Litri	292	380	485	850
NOMINAL HEAT INPUT	kW	43	46,5	49	82,5
WORKING THERMAL POWER	kW	36,55	39,52	41,65	70,12
FUME EVACUATION DUCT Ø	mm	200	200	200	200
MAX WATER PRESSURE	bar	6	6	6	6
FUME TEMPERATURE	°C	135	150	150	193
RECOVERY TIME 45° C	min.	17	20	25	26
CONSTANT DRAWING AT 45° C	l/h	1047	1133	1194	2010
CONSTANT DRAWING AT 65° C	l/h	628	680	716	1206
<b>METHANE G20 - 20 mbar PRESSURE valve inlet</b>					
CONSUMPTION	m3/h	4,55	4,92	5,18	8,73
BURNER NOZZLE Ø	mm	4 x 2,8	4 x 2,8	4 x 2,8	6 x 3,0
PILOT FLAME NOZZLE Ø	mm	2 x 0,27	2 x 0,27	2 x 0,27	2 x 0,27
PRESSURE TO BURNER	mbar	12,0	13,0	15,5	13,0
MASS FUME CAPACITY	g/s	18,0	19,5	20,6	34,7
<b>GPL G30/G31 - 30/37 mbar PRESSURE valve inlet</b>					
CONSUMPTION	Kg/h	3,21	3,47	3,66	6,17
BURNER NOZZLE Ø	mm	4 x 1,65	4 x 1,70	4 x 1,75	6 x 1,85
PILOT FLAME NOZZLE Ø	mm	1 x 0,22	1 x 0,22	1 x 0,22	1 x 0,22



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 cryolite glass finish, which ensures a higher resistance to scaling.

**CASING:** pre-painted sheet metal.

**BURNER:** made of stainless steel. The burner is supplied with a nozzle kit for gas conversion.

**PILOT BURNER:** suitable for any type of gas.

**THERMOCOUPLE:** to ensure a safe gas flow to the burner.

**ELECTRIC VALVE:** supplied with a pressure regulator and safety valve which stops the gas from being released should the pilot light go off.

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