

**HeatCo**<sup>®</sup>  
International

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ITALIAN HEATERS

Boiler For heating systems



**CONVENTIONAL FLUE WATER HEATERS**

The range of water heaters are **conventional flue** type, tested and certified for use with natural gas and LPG.

The range have **piezo ignition**, high limit stat, control stat and are equipped with stainless steel bur-ner offering a high level of efficiency. This operates in conjunction with a **permanent pilot** and thermocouple. The **gas valve** is fitted with a thermostat and an **ECO** (Energy Cut Off), which is activated in the event of thermostat failure.

There is also a **magnesium anode** fitted for added protection against corrosion. The **insulation** is in high density mineral glass wool between the storage tank and outer casing.

The range of water heaters must be installed in such a position as to allow adequate air supply for combustion and ventilation.

The range can be installed in a **singular** or **multiple** configuration. By linking more units together will increase the storage capacity as well as the **continuous output**, thus catering for the most demanding of applications. All units are free standing and need very **little installation**, with connections to water, gas, and the flue system required.



| MODELLO      | BGSolar | BGSolar | BGSolar | BGSolar | BGSolar | BGSolar | BGSolar | BGSolar | BGSolar |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| LITRI LITERS | 150     | 200     | 300     | 400     | 500     | 600     | 800     | 1000    |         |
| A            | 1300    | 1500    | 1700    | 1760    | 1990    | 2090    | 2000    | 2220    |         |
| B            | 1200    | 1400    | 1500    | 1560    | 1790    | 1890    | 1800    | 2020    |         |
| C            | 540     | 540     | 700     | 750     | 750     | 800     | 990     | 990     |         |
| D            | 480     | 480     | 600     | 650     | 650     | 700     | 900     | 900     |         |
| E            | 360     | 360     | 375     | 380     | 380     | 390     | 460     | 460     |         |
| F            | 600     | 725     | 845     | 850     | 920     | 990     | 950     | 1070    |         |
| G            | 1230    | 1430    | 1235    | 1270    | 1520    | 1610    | 1440    | 1680    |         |
| I            | 100     | 100     | 140     | 140     | 140     | 140     | 160     | 160     |         |
| M            | 400     | 400     | 620     | 630     | 630     | 660     | 710     | 720     |         |
| N            | /       | /       | 100     | 100     | 100     | 100     | 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"  |         |



| MODELLO - MODEL   | UM    | SERIE BG - BG SERIES |        |        |        |        |        |        |        |
|---|-------|----------------------|--------|--------|--------|--------|--------|--------|--------|
|   |       | 150                  | 200    | 300    | 400    | 500    | 600    | 800    | 1000   |
| CAPACITÀ REALE APPARECCHIO<br>EFFECTIVE CAPACITY                                | Litri | 150                  | 200    | 240    | 390    | 450    | 565    | 780    | 950    |
| PORTATA TERMICA NOMINALE<br>RATED OUTPUT  | kW    | 9,9                  | 9,9    | 23,7   | 23,7   | 23,7   | 23,7   | 37,0   | 37,0   |
| POTENZA TERMICA UTILE<br>EFFECTIVE OUTPUT                                       | kW    | 8,2                  | 8,2    | 19,9   | 19,9   | 19,9   | 19,9   | 32,5   | 32,5   |
| Ø CONDOTTO EVACUAZIONE FUMI<br>Ø FLUE GAS PIPE                                  | mm    | 100                  | 100    | 140    | 140    | 140    | 140    | 160    | 160    |
| PRESSIONE MAX ACQUA<br>MAX WATER PRESSURE                                       | bar   | 6                    | 6      | 6      | 6      | 6      | 6      | 6      | 6      |
| TEMPERATURA FUMI<br>FLUE GAS TEMPERATURE  | °C    | 176                  | 176    | 125    | 120    | 115    | 115    | 123    | 123    |
| METANO G20 - PRESSIONE 20 mbar / NATURAL GAS G20 - Inlet valve pressure 20 mbar |       |                      |        |        |        |        |        |        |        |
| CONSUMO<br>CONSUMPTION  | m3/h  | 1                    | 1      | 1,8    | 2,5    | 2,50   | 2,5    | 3,90   | 3,90   |
| Ø UGELLO BRUCIATORE<br>Ø BURNER NOZZLE  | mm    | 2,40                 | 2,40   | 4,10   | 4,10   | 4,10   | 4,10   | 3,15x3 | 3,15x3 |
| Ø UGELLO PILOTA<br>Ø PILOT FLAME  | mm    | 2x0,27               | 2x0,27 | 2x0,27 | 2x0,27 | 2x0,27 | 2x0,27 | 2x0,27 | 2x0,27 |
| PRESSIONE ALLA VALVOLA<br>PRESSURE AT VALVE                                     | mbar  | 15,5                 | 15,5   | 11,6   | 11,6   | 11,6   | 11,6   | 11,7   | 11,7   |
| PORTATA MASSICA FUMI<br>MAX FLUE FLOW   | g/s   | 6,7                  | 6,7    | 18,8   | 18,8   | 18,8   | 18,8   | 32,0   | 32,0   |
| GPL G30/G31 PRESSIONE 30/37 mbar / LGP GAS - Inlet valve pressure 30/37 mbar    |       |                      |        |        |        |        |        |        |        |
| CONSUMO<br>CONSUMPTION  | Kg/h  | 0,75                 | 0,75   | 1,30   | 1,80   | 1,80   | 1,80   | 2,90   | 2,90   |
| Ø UGELLO BRUCIATORE<br>Ø BURNER NOZZLE  | mm    | 1,60                 | 1,60   | 2,40   | 2,40   | 2,40   | 2,40   | 1,80x3 | 1,80x3 |
| Ø UGELLO PILOTA<br>Ø PILOT FLAME  | mm    | 0,22                 | 0,22   | 0,22   | 0,22   | 0,22   | 0,22   | 0,22   | 0,22   |
| PORTATA MASSICA FUMI<br>MAX FLUE FLOW   | g/s   | 12,3                 | 12,0   | 19,0   | 19,0   | 19,0   | 19,0   | 30,6   | 30,6   |

| SERPENTINO IN RAME ALETTATO |      |
|-----------------------------|------|
| KW                          | mod. |
| 5,8                         | 120  |

| SERPENTINO IN RAME ALETTATO |     |      |              |
|-----------------------------|-----|------|--------------|
| KW                          | m²  | cod. | mod.         |
| 12                          | 0,6 | 7082 | 150-200      |
| 20                          | 1,0 | 7083 | 300 ÷ 500    |
| 30                          | 1,5 | 7084 | 600-800-1000 |
| 40                          | 2,0 | 7085 | 1500-2000    |



**ELECTRONIC GAS WATER HEATERS**

The **electronic** version of the conventional flue range. This range is equipped with an **electronic gas valve** with flame ionization instead of a pilot flame.

The heaters are fitted with a **flame sensing electrode** and **safety thermostat**. It is also possible to programme the water heater if peak demands are required at certain times in the day.

Additionally, the water heater can be connected to BMS (**Building Management Systems**) with volt free contacts.

The range offers **lower running costs** as important advantage over the permanent pilot

There is also a magnesium anode fitted for added protection against corrosion.

The range of water heaters must be installed in such a position as to allow adequate air supply for combustion and ventilation.

