



| Product model                              | INSTA GAS 6L               | INSTA GAS 10L              | INSTA GAS 16L              |
|--|----------------------------|----------------------------|----------------------------|
| Capacity                                   | 6L/min                     | 10L/min                    | 16L/min                    |
| Rated Power Supply                         | DC 3V (2-D cell batteries) | DC 3V (2-D cell batteries) | DC 3V (2-D cell batteries) |
| Gas type                                   | NG/LPG                     | NG/LPG                     | NG/LPG                     |
| Thermal Load (heat input-kW)               | 12kW                       | 20kW                       | 32kW                       |
| CO ratio of combustion (NORMAL PRESSURE)CO | ≤500PPm                    | ≤500PPm                    | ≤500PPm                    |
| Product efficiency (%)                     | ≥84                        | ≥84                        | ≥84                        |
| Rated gas supply pressure (Pa)             | NG-2000Pa/LPG-2800Pa       | NG-2000Pa/LPG-2800Pa       | NG-2000Pa/LPG-2800Pa       |
| Rated water supply pressure (MPa)          | 0.01-1.0                   | 0.01-1.0                   | 0.03-1.0                   |
| Inlet water pressure_Max                   | 1MPa                       | 1MPa                       | 1MPa                       |
| Inlet water pressure_Min                   | 0.01MPa                    | 0.01MPa                    | 0.03MPa                    |
| Inlet gas pressure_Max                     | NG-3000Pa/LPG-3300Pa       | NG-3000Pa/LPG-3300Pa       | NG-3000Pa/LPG-3300Pa       |
| Inlet gas pressure_Min (MPa)               | NG-1000Pa/LPG-2000Pa       | NG-1000Pa/LPG-2000Pa       | NG-1000Pa/LPG-2000Pa       |
| Water protection rating                    | IPX 0 (per IEC 60529)      | IPX 0 (per IEC 60529)      | IPX 0 (per IEC 60529)      |
| <b>Features - General</b>                  |                            |                            |                            |
| Venting system                             | Flue type                  | Flue type                  | Flue type                  |
| Start-up device                            | 0 water pressure switch    | 0 water pressure switch    | Micro-switch               |
| On & Off switch ON/OFF                     | Yes                        | Yes                        | Yes                        |
| <b>Safety device</b>                       |                            |                            |                            |
| Flame out protection                       | Yes                        | Yes                        | Yes                        |
| Gas water interlocking system              | N/A                        | N/A                        | Yes                        |
| Dry burning protection                     | Yes                        | Yes                        | Yes                        |
| Over heat protector                        | Yes                        | Yes                        | Yes                        |
| Water pressure relief device               | Yes                        | Yes                        | Yes                        |
| <b>Exterior Dimensions for Product</b>     |                            |                            |                            |
| Length (mm) B                              | 445                        | 590                        | 680                        |
| Width (mm) A                               | 300                        | 340                        | 410                        |
| Depth (mm) C                               | 120                        | 180                        | 223                        |
| <b>Weight</b>                              |                            |                            |                            |
| Product Weight (kg)                        | 4.5                        | 9.3                        | 13.30                      |
| Heat Exchanger Weight (kg)                 | 1.05                       | 2.00                       | 3.20                       |
| <b>Installation related</b>                |                            |                            |                            |
| Water inlet Line (Dia,inch)                | G1/2"                      | G1/2"                      | G1/2"                      |
| Water outlet Line (Dia,inch)               | G1/2"                      | G1/2"                      | G1/2"                      |
| Gas inlet Line (Dia,inch)                  | G1/2"                      | G1/2"                      | G1/2"                      |
| Exhaust flue outlet external diameter      | φ90                        | φ110                       | φ150                       |
| <b>Package</b>                             |                            |                            |                            |
| Length (mm)                                | 560                        | 705                        | 780                        |
| Width (mm)                                 | 353                        | 382                        | 468                        |
| Depth (mm)                                 | 200                        | 248                        | 300                        |