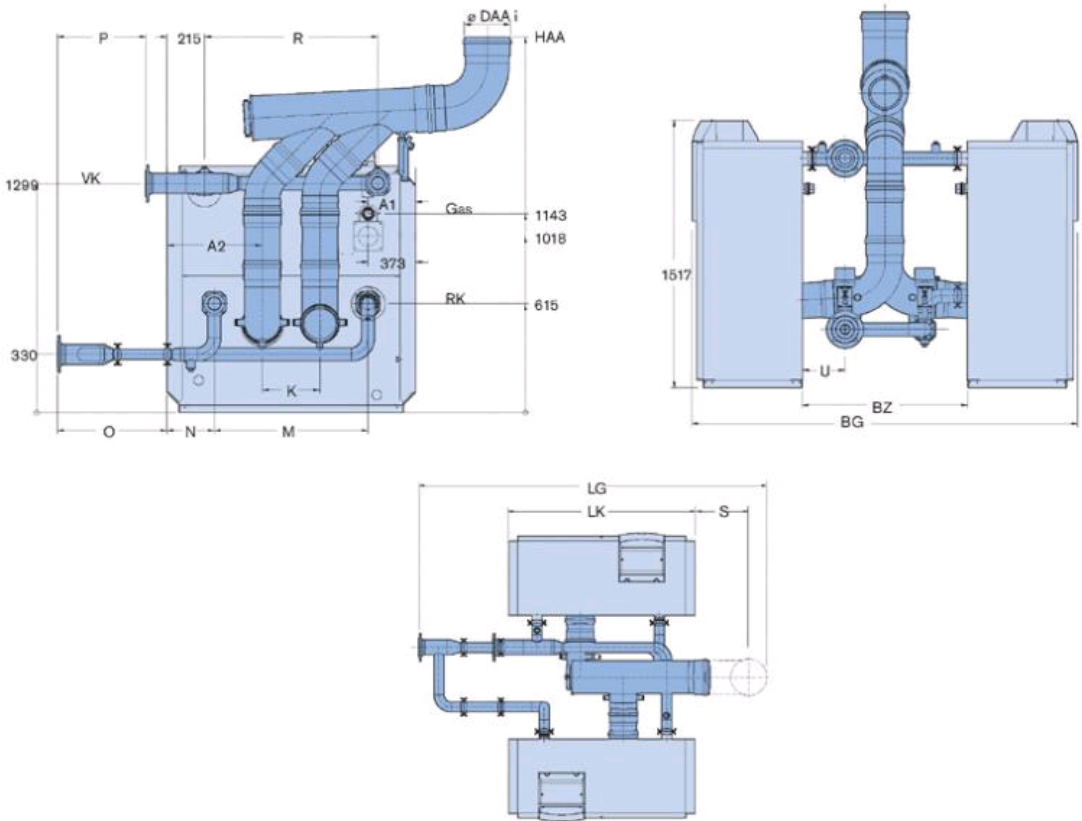


[GB 312 560kW]

Dimensions



| Parameter                                 | Value  |
|---|--------|
| Length, L <sub>K</sub>                    | 1410mm |
| Length, L <sub>G</sub>                    | 2573mm |
| Length, L <sub>G1</sub>                   | 2196mm |
| Width, B <sub>G</sub>                     | 2135mm |
| Net weight                                | 660kg  |
| Installation dimensions, K                | 327mm  |
| Installation dimensions, M                | 871mm  |
| Installation dimensions, N                | 270mm  |
| Installation dimensions, O                | 619mm  |
| Installation dimensions, R                | 981mm  |
| Installation dimensions, S                | 407mm  |
| Installation dimensions, S <sub>1</sub>   | 106mm  |
| Installation dimensions, U                | 259mm  |
| Flue gas connection, ♦D <sub>AA</sub>     | 250DN  |
| Flue gas connection, H <sub>AA</sub>      | 2130mm |
| Flue gas connection, H <sub>AA1</sub>     | 1727mm |
| Flue gas connection, A <sub>2</sub>       | 540mm  |
| Boiler flow connection, ♦VK               | 100DN  |
| Boiler flow connection, H <sub>VK</sub>   | 1299mm |
| Boiler return connection, ♦RK             | 100DN  |
| Boiler return connection, H <sub>RK</sub> | 330mm  |
| Distance, B <sub>Z</sub>                  | 935mm  |
| Air sealed, ♦RLU                          | 110DN  |
| Air sealed, H <sub>RLU</sub>              | 1018mm |
| Gas connection, ♦GAS                      | R1♦"   |
| Gas connection, H <sub>GAS</sub>          | 1143mm |
| Gas connection, A <sub>1</sub>            | 270mm  |

Technical Parameters

| Parameter                                  | Value |
|--|-------|
| Output                                     | 560kW |
| Nominal heat output at 80/60 ♦C, Full load | 526kW |
| Nominal heat output at 80/60 ▲C, Part load | 774kW |

|   |                         |
|---|-------------------------|
| Nominal heat output at 60/60 ▼C, Part load      | 77kW                    |
| Nominal heat output at 50/30 ◆C, Full load      | 560kW                   |
| Nominal heat output at 50/30 ◆C, Part load      | 87kW                    |
| Rated heat input, Part load                     | 80kW                    |
| Rated heat input, Full load                     | 542kW                   |
| Max working pressure                            | 4bar                    |
| Max flow temperature                            | 80◆C                    |
| Electrical power consumption, full load         | 660W                    |
| Electrical power consumption, part load         | 50W                     |
| Gas pressure                                    | 17 - 24 mbar            |
| Water content                                   | 60l                     |
| Electrical ingress protection                   | IP 40                   |
| CE certification, product ID no.                | CE 0085BP5508           |
| Pressure at flue outlet                         | 100Pa                   |
| Water flow resistance, ΔT 20K                   | 95mbar                  |
| Safety temperature letter                       | 100◆C                   |
| Electrical connection                           | 230V <sub>AC</sub> 50Hz |
| Flue gas mass flow rate at 50/30 ◆C, Full load  | 251.8g/s                |
| Flue gas mass flow rate at 50/30 ◆C, Part load  | 35.2g/s                 |
| Flue gas mass flow rate at 80/60 ◆C, Full load  | 251.4g/s                |
| Flue gas mass flow rate at 80/60 ◆C, Part load  | 37.5g/s                 |
| CO <sub>2</sub> content, Full load              | 9.1%                    |
| CO <sub>2</sub> content, Part load              | 9.3%                    |
| Sound emission level, Full load                 | 58dB(A)                 |
| Sound emission level, Part load                 | 40dB(A)                 |
| Min flue gas temperature at 80/60 ◆C, Full load | 75◆C                    |
| Min flue gas temperature at 80/60 ◆C, Part load | 56◆C                    |
| Min flue gas temperature at 50/30 ◆C, Part load | 31◆C                    |
| Min flue gas temperature at 50/30 ◆C, Full load | 56◆C                    |