

**Product fiche according to Commission Delegated Regulation (EU) 811/2013**

| Brand  |  |             |     | GRUNDIG  |  |          |      |          |      |          |      |          |      |
|--|--|-------------|-----|----------|--|----------|------|----------|------|----------|------|----------|------|
| Model Name                                     |  |             |     | GHP-MM08 |  | GHP-MM10 |      | GHP-MM12 |      | GHP-MM14 |      | GHP-MM16 |      |
| Temperature application                        |  | °C          |     | 55       | 35   | 55       | 35   | 55       | 35   | 55       | 35   | 55       | 35   |
| Seasonal space heating energy efficiency class |  |             |     | A++      | A+++   | A++      | A+++ | A++      | A+++ | A++      | A+++ | A++      | A+++ |
| Rated heat output                              |  | $P_{rated}$ | kW  | 7        | 8  | 7        | 9    | 11       | 11   | 13       | 13   | 14       | 15   |
| Seasonal space heating energy efficiency       |  | $\eta_s$    | %   | 130      | 180  | 132      | 180  | 132      | 180  | 132      | 175  | 132      | 175  |
| Annual energy consumption                      |  | $Q_{HE}$    | kWh | 4069     | 3489   | 4695     | 4132 | 6761     | 5280 | 7826     | 6198 | 8765     | 7043 |
| Sound power level                              | Indoor Unit  | $L_{WA}$    | dB  | -        |  | -        |      | -        |      | -        |      | -        |      |
|  | Specific precautions in assembled, installed or maintained |             |     |          | Refer to the installation and operating manuals. |          |      |          |      |          |      |          |      |
| Rated heat output                              | Colder climate   | $P_{rated}$ | kW  | -        | -  | -        | -    | -        | -    | -        | -    | -        | -    |
|  | Warmer climate   | $P_{rated}$ | kW  | -        | -  | -        | -    | -        | -    | -        | -    | -        | -    |
| Seasonal space heating energy efficiency       | Colder climate   | $\eta_s$    | %   | -        | -  | -        | -    | -        | -    | -        | -    | -        | -    |
|  | Warmer climate   | $\eta_s$    | %   | -        | -  | -        | -    | -        | -    | -        | -    | -        | -    |
| Annual energy consumption                      | Colder climate   | $Q_{HE}$    | kWh | -        | -  | -        | -    | -        | -    | -        | -    | -        | -    |
|  | Warmer climate   | $Q_{HE}$    | kWh | -        | -  | -        | -    | -        | -    | -        | -    | -        | -    |
| Sound power level                              | Outdoor Unit   | $L_{WA}$    | dB  | 59       |  | 60       |      | 64       |      | 65       |      | 68       |      |

**Acoustic Noise Information:**

The maximum sound pressure level is less than 70 dB for outdoor unit which Rated heat output >6 kW and ≤ 12 kW;

The maximum sound pressure level is less than 78 dB for outdoor unit which Rated heat output >12 kW and ≤ 30 kW;

According to EN 12102-1:2017.

Power-on is mandatory for the unit in winter to ensure the anti-freezing function in standby mode; Normal pressure in the water loop should be kept in summer;

Water should be filled up to the loop immediately after cleaning.

If the power is cut off for more than one hour in winter when the temperature is lower than 0°C the water in the unit should be drained out to prevent the unit from freezing (the application of anti-freeze as media should be an exception).

In addition, in the case of long-time-no-application, early notice to after sales engineers and professional maintenance is needed in order to keep the unit in good condition during operation.

Do not use this unit for any purposes other than the Heating and Cooling.