

1 **Product Fiche**
2 **Supplier's name:** **LG Electronics**
3 **Model Name:** **HMT143M U33**
4 **Seasonal space heating energy efficiency class**

| Rated heat output: | 35 °C | | | 55 °C |
|---|---------------|-----------|-------|-------|
| | A+++ | 5 Average | | A+ |
| 6 Rated heat output: | kW | | 35 °C | 55 °C |
| | kW | | 11 | 12 |
| 7 Seasonal space heating energy efficiency: | % | | | 55 °C |
| | space heating | | | 175 |
| 8 Annual energy consumption: | kWh | | | 55 °C |
| | space heating | | | 4875 |
| 9 Sound power level (LWA): | dB | | | 7795 |
| 10 | | | | |
| 11 | | | | |

- 12 **PRECAUTION**
- Contact the authorized service technician for repair or maintenance of this unit.
 - Do not attempt to install or disassemble this unit.
 - Always use proper handling techniques when moving or carrying this unit.
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| 6 Rated heat output: | kW | | 35 °C | 55 °C | 55 °C | |
| | kW | | 12 | 13 | 13 | |
| 7 Seasonal space heating energy efficiency: | % | | | 55 °C | 55 °C | |
| | space heating | | | 131 | 100 | |
| 8 Annual energy consumption: | kWh | | | 35 °C | 55 °C | 55 °C |
| | space heating | | | 8440 | 12462 | 2452 |
| 9 Sound power level (LWA): | dB | | | 63 | 63 | 63 |
| 10 Water pump EER ≤ | 0.23 | | | | | |
| 11 Temperature control | Class | | V | | 3 | |



13 **Compliance with standards:**

- CE, RoHS, REACH, ErP, Energy Label, ENEC, and other applicable international standards.
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Annex

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Model **HM143M U33**

Seasonal space heating energy efficiency of heat pump

I %

Temperature control

From fiche of temperature control

Class I = 1 %, Class II = 2 %, Class III = 1,5 %,
Class IV = 2 %, Class V = 3 %, Class VI = 4 %, Class VII = 3,5 %, Class VIII = 5 %

+ **II** %

Supplementary boiler
From fiche of boiler

Seasonal space heating energy efficiency (in %)

(**III** - 'I') × 'II' = - **III** %

Solar contribution

From fiche of solar device

Collector size
(in m²)

Tank volume
(in m³)

Collector efficiency
(in %)

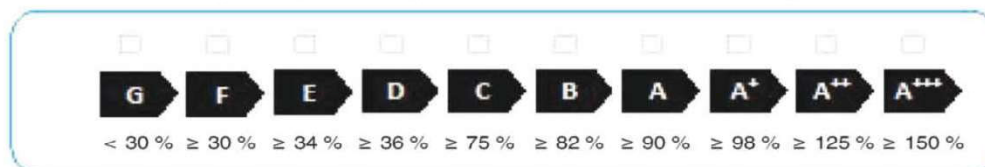
Tank rating
A* = 0,95, A = 0,91,
B = 0,86, C = 0,83,
D-G = 0,81

('III' × **IV** + 'IV' × **V**) × 0,45 × (**VI** /100) × **VII** = + **VIII** %

Seasonal space heating energy efficiency of package under average climate

IX %

Seasonal space heating energy efficiency class of package under average climate



Seasonal space heating energy efficiency under colder and warmer climate conditions

Colder: **X** - 'V' = **XI** %

Warmer: **X** + 'VI' = **XII** %

The energy efficiency of the package of products provided for in this fiche may not correspond to its actual energy efficiency once installed in a building, as the efficiency is influenced by further factors such as heat loss in the distribution system and the dimensioning of the products in relation to building size and characteristics.

| | I | II | III | IV | V | VI |
|------|------|------|------|------|-----|-----|
| 55°C | 124% | 0.00 | 2.23 | 0.87 | 24% | 42% |
| 35°C | 175% | 0.00 | 2.55 | 1.00 | 44% | 51% |

