

1 Product Fiche

1. Suppliers name: LG Electronics
2. Model Name: H114T1M U33

Table with 4 columns: Seasonal space heating energy efficiency class, Rated heat output, Seasonal space heating energy efficiency, Annual energy consumption, Sound power level (LWA), Sound power level (LWA), Sound power level (LWA), and Sound power level (LWA).

3 PRECAUTION

- Contract the authorized service technician for repair or maintenance of this unit.
- AWHIP is not intended for use by young children or invalids without supervision.
- Young children should be supervised to ensure that they do not play with AWHIP.
- When the power cable is to be replaced, replacement work shall be performed by a qualified and authorized professional only.

Table with 4 columns: Rated heat output, Seasonal space heating energy efficiency, Annual energy consumption, Sound power level (LWA), Water pump EEL, and Temperature control.



MIME527-6536

Annex

- (EN) The product is not intended for use by young children or invalids without supervision.
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Model HM141M U33



Seasonal space heating energy efficiency of heat pump

¹
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 %

+ ²
%

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

(³ - 'I') × 'II' = - ³ %

Solar contribution

From fiche of solar device

Collector size
(in m²)

Tank volume
(in m³)

Collector efficiency
(in %)

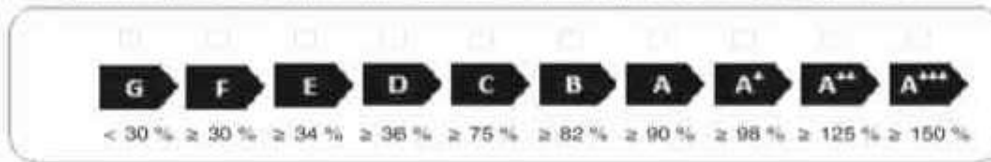
Tank rating
A* = 0,95, A = 0,91,
B = 0,86, C = 0,83,
D-G = 0,81

('III' × ⁴ + 'IV' × ⁵) × 0,45 × (⁶ /100) × ⁷ = + ⁸ %

Seasonal space heating energy efficiency of package under average climate

⁹
%

Seasonal space heating energy efficiency class of package under average climate



Seasonal space heating energy efficiency under colder and warmer climate conditions

Colder: ¹⁰ - 'V' = %

Warmer: ¹¹ + 'VI' = %

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	0%	-100%

Model **HM141M U33/OSHW-200F AEU**

Water heating energy efficiency of combination heater:

¹
 %

Declared load profile:

Solar contribution

From fiche of solar device:

Auxiliary electricity

$$(1,1 \times \text{'I'} - 10\%) \times \text{'II'} - \text{'III'} - \text{'I'} = + \text{} \%$$

Water heating energy efficiency of package under average climate

³
 %

Water heating energy efficiency class of package under average climate

	G	F	E	D	C	B	A	A ⁺	A ⁺⁺	A ⁺⁺⁺
M	< 27 %	≥ 27 %	≥ 30 %	≥ 33 %	≥ 36 %	≥ 39 %	≥ 65 %	≥ 100 %	≥ 130 %	≥ 163 %
L	< 27 %	≥ 27 %	≥ 30 %	≥ 34 %	≥ 37 %	≥ 50 %	≥ 75 %	≥ 115 %	≥ 150 %	≥ 188 %
XL	< 27 %	≥ 27 %	≥ 30 %	≥ 35 %	≥ 38 %	≥ 55 %	≥ 80 %	≥ 123 %	≥ 160 %	≥ 200 %
XXL	< 28 %	≥ 28 %	≥ 32 %	≥ 36 %	≥ 40 %	≥ 60 %	≥ 85 %	≥ 131 %	≥ 170 %	≥ 213 %

Water heating energy efficiency under colder and warmer climate conditions

Colder: ³ - 0,2 × ² = %

Warmer: ³ + 0,4 × ² = %

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

109%

