

Model HU141 U33 (AHUW146A3), HN1616 NK3 (AHNW16606A3)

Seasonal space heating energy efficiency of heat pump ① %

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 %)

$$(\text{III} - \text{I}) \times \text{II} = - \text{III} \% \quad \text{③}$$

Solar contribution
From fiche of solar device

Collector size (in m²)

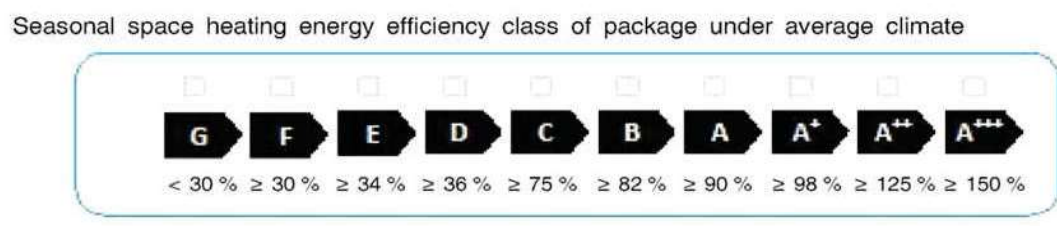
Tank volume (in m³)

Collector efficiency (in %)

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

$$(\text{III} \times \text{IV} + \text{V} \times \text{VI}) \times 0,45 \times (\text{VII} / 100) \times \text{VIII} = + \text{IX} \% \quad \text{④}$$

Seasonal space heating energy efficiency of package under average climate ⑤ %



Seasonal space heating energy efficiency under colder and warmer climate conditions

Colder: ⑤ - 'V' = % Warmer: ⑤ + '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	130%	0.02	2.70	1.06	31%	51%
35°C	175%	0.02	2.81	1.10	48%	62%



* Product Code	MBM57-30004		
	* Model Name		
	* Declared load profile		
* Seasonal space heating energy efficiency class	XL		
* Winter heating energy efficiency class	A+		
* Rated heat output	kW		10
* Annual energy consumption	2) space heating	kWh	
	2) water heating	187	
		Average	177
* Seasonal space heating energy efficiency	%		
* Winter heating energy efficiency	163		
* Sound power level (LWA)	dB(A)		36

- 1) PRECAUTION
- 2) Contact the authorized service technician for repair or maintenance of this unit.
- 3) Do not touch the fan blades or other internal fan parts.
- 4) A warning label is located on the front of the unit. Read the instructions before using the unit.
- 5) Young children should be supervised to ensure that they do not play with AVPR.
- 6) When the power cable is to be replaced, replacement work shall be performed by authorized personnel only.
- 7) Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.

* Rated heat output	kW	Coldest	Wattmeter
		12	12
		Coldest	Wattmeter
* Annual energy consumption	kWh	35°C	35°C
		10,246	12,896
		2,612	3,559
* Seasonal space heating energy efficiency	%	Cooler	Wattmeter
		35°C	35°C
		117	87
* Winter heating energy efficiency	%	Cooler	Wattmeter
		117	87
		Cooler	Wattmeter
* Sound power level (LWA)	dB(A)		36
* Temperature control	Model Name	MBM57-3000	
	Class	II	
* Contribution (%)			
2			

MEM5730004

Annex LG Electronics

- 1. (EN) Product Code
- 2. (EN) Model Name
- 3. (EN) Declared load profile
- 4. (EN) Seasonal space heating energy efficiency class
- 5. (EN) Winter heating energy efficiency class
- 6. (EN) Rated heat output
- 7. (EN) Annual energy consumption
- 8. (EN) Seasonal space heating energy efficiency
- 9. (EN) Winter heating energy efficiency
- 10. (EN) Sound power level (LWA)
- 11. PRECAUTION
- 12. Contact the authorized service technician for repair or maintenance of this unit.
- 13. Do not touch the fan blades or other internal fan parts.
- 14. A warning label is located on the front of the unit. Read the instructions before using the unit.
- 15. Young children should be supervised to ensure that they do not play with AVPR.
- 16. When the power cable is to be replaced, replacement work shall be performed by authorized personnel only.
- 17. Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.

- 18. (EN) Product Code
- 19. (EN) Model Name
- 20. (EN) Declared load profile
- 21. (EN) Seasonal space heating energy efficiency class
- 22. (EN) Winter heating energy efficiency class
- 23. (EN) Rated heat output
- 24. (EN) Annual energy consumption
- 25. (EN) Seasonal space heating energy efficiency
- 26. (EN) Winter heating energy efficiency
- 27. (EN) Sound power level (LWA)
- 28. (EN) PRECAUTION
- 29. (EN) Contact the authorized service technician for repair or maintenance of this unit.
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- 38. (EN) Young children should be supervised to ensure that they do not play with AVPR.
- 39. (EN) When the power cable is to be replaced, replacement work shall be performed by authorized personnel only.
- 40. (EN) Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.
- 41. (EN) Product Code
- 42. (EN) Model Name
- 43. (EN) Declared load profile
- 44. (EN) Seasonal space heating energy efficiency class
- 45. (EN) Winter heating energy efficiency class
- 46. (EN) Rated heat output
- 47. (EN) Annual energy consumption
- 48. (EN) Seasonal space heating energy efficiency
- 49. (EN) Winter heating energy efficiency
- 50. (EN) Sound power level (LWA)
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- 58. (EN) Product Code
- 59. (EN) Model Name
- 60. (EN) Declared load profile
- 61. (EN) Seasonal space heating energy efficiency class
- 62. (EN) Winter heating energy efficiency class
- 63. (EN) Rated heat output
- 64. (EN) Annual energy consumption
- 65. (EN) Seasonal space heating energy efficiency
- 66. (EN) Winter heating energy efficiency
- 67. (EN) Sound power level (LWA)
- 68. (EN) PRECAUTION
- 69. (EN) Contact the authorized service technician for repair or maintenance of this unit.
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Model HU141_U33 / HN1616T_NB0



Seasonal space heating energy efficiency of heat pump

1 %

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 %)

(- 'I') × 'II' =

Solar contribution

From fiche of solar device

Collector size (in m²)

Tank volume (in m³)

Collector efficiency (in %)

('III' × + 'IV' ×) × 0,45 × (/100) × =

3 %

4 %

5 %

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

Seasonal space heating energy efficiency of package under average climate

Seasonal space heating energy efficiency class of package under average climate



Seasonal space heating energy efficiency under colder and warmer climate conditions

Colder: - 'V' = % Warmer: + '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	117%	0	2,73	1,07	30%	-27%

Water heating energy efficiency of combination heater

Declared load profile:

1 %

Solar contribution

From fiche of solar device

Auxiliary electricity

(1,1 × 'I' - 10 %) × 'II' - - 'III' - 'IV' =

2 %

Water heating energy efficiency of package under average climate

3 %

Water heating energy efficiency class of package under average climate



Water heating energy efficiency under colder and warmer climate conditions

Colder: - 0,2 × = %

Warmer: + 0,4 × = %

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I	
	89%

