



Seasonal space heating energy efficiency of boiler 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 %)

$$\left( \text{input} - \text{I} \right) \times 0,1 = \pm \text{input} \%$$
3

Solar contribution  
From fiche of solar device

Collector size (in m<sup>2</sup>)

Tank volume (in m<sup>3</sup>)

Collector efficiency (in %)

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

$$\left( \text{III} \times \text{input} + \text{IV} \times \text{input} \right) \times 0,9 \times \left( \text{input} / 100 \right) \times \text{input} = + \text{input} \%$$
4

Supplementary heat pump  
From fiche of heat pump

Seasonal space heating energy efficiency (in %)

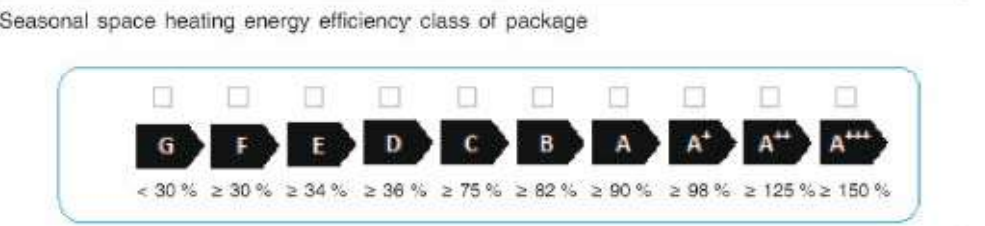
$$\left( \text{input} - \text{I} \right) \times \text{II} = + \text{input} \%$$
5

Solar contribution AND Supplementary heat pump

Select smaller value  $0,5 \times \text{input} \text{ OR } 0,5 \times \text{input} = - \text{input} \%$

6

Seasonal space heating energy efficiency of package 7  %



Boiler and supplementary heat pump installed with low temperature heat emitters at 35 °C?

From fiche of heat pump 7  + ( 50 × II ) =  %

*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
35°C	183%	0.00	4.86	1.90	1	1
55°C	126%	0.00	4.45	1.74	0	1

Product title		LG Electronics	
* Model Name: HU551M1LW1 / HX501M1R1 / OSH200W1 AEU			
* Declared load profile			
* Seasonal space heating energy efficiency class			
* Water heating energy efficiency class			
* Rated heat output			
* Annual energy consumption			
* Seasonal space heating energy efficiency			
* Water heating energy efficiency			
* Seasonal power (LMA)			
* PRECAUTION			
* Contact the authorized service technician for repair or maintenance of this unit.			
* A-WHP is not intended for use by young children or invalids without supervision.			
* When the power cable is to be replaced, replacement work shall be performed by authorized personnel.			
* Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.			
* Rated heat output		* Water	
kW		kW	
3C		3C	
A++		A++	
Average		Average	
35C		35C	
2.44k		2.81k	
Average		Average	
66k		66k	
Average		Average	
33C		33C	
183		126	
Average		Average	
18		18	
dB		dB	
44		44	
37C		37C	
55C		55C	
2.691		2.691	
Average		Average	
35C		35C	
127		166	
Average		Average	
109		137	
dB		dB	
0.20		0.20	
Class		Class	
V		V	
Contribution (%)		Contribution (%)	
3		3	

**Annex** **ENERGIESKIKKELER** **INNOVATIEVE** **ENERGIEOPLOSSINGEN** **LG Electronics**

(a) Product title (b) Model Name (c) Declared load profile (d) Seasonal space heating energy efficiency class (e) Water heating energy efficiency class (f) Rated heat output (g) Annual energy consumption (h) Seasonal space heating energy efficiency (i) Water heating energy efficiency (j) Seasonal power (LMA) (k) PRECAUTION (l) Contact the authorized service technician for repair or maintenance of this unit. (m) A-WHP is not intended for use by young children or invalids without supervision. (n) When the power cable is to be replaced, replacement work shall be performed by authorized personnel. (o) Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only. (p) Rated heat output (q) Water (r) kW (s) 3C (t) A++ (u) Average (v) 35C (w) 2.44k (x) Average (y) 66k (z) Average (aa) 33C (ab) 183 (ac) Average (ad) 18 (ae) dB (af) 44 (ag) 37C (ah) 55C (ai) 2.691 (aj) Average (ak) 35C (al) 127 (am) Average (an) 109 (ao) dB (ap) 0.20 (aq) Class (ar) V (as) Contribution (%) (at) 3

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Model HU051MR U44/HN0916M NK4



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 %)

3  %

Solar contribution

From fiche of solar device

Collector size (in m<sup>2</sup>)

Tank volume (in m<sup>3</sup>)

Collector efficiency (in %)

Tank rating  
A\* = 0.95, A = 0.91,  
B = 0.86, C = 0.83,  
D-G = 0.81

( 'III' ×  + 'IV' ×  ) × 0.45 × (  /100 ) ×  = +  %

Seasonal space heating energy efficiency of package under average climate

5  %

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	126%	0.00	4.45	1.74	0%	-100%

Model HU051MR U44/HN0916M NK4/OSHW-200F AEU

Water heating energy efficiency of combination heater

1  %

Declared load profile:

Solar contribution

From fiche of solar device

Auxiliary electricity

2  %

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

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 ×  =  %

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
	118%

