



## Product fiche



# Manufacturer<sup>1</sup>

**LG Electronics Inc.**

Model Name <sup>2</sup>	Refrigerant (kg) <sup>3</sup>	t-CO <sub>2</sub> eq
HM161HF UB60	R290(1,2)	0,0036
HM141HF UB60	R290(1,2)	0,0036
HM121HF UB60	R290(1,2)	0,0036

Model Name	<sup>2</sup>	Refrigerant (kg)	<sup>3</sup> t-CO <sub>2</sub> eq
HM163HF UB60		R290(1,2)	0,0036
HM143HF UB60		R290(1,2)	0,0036
HM123HF UB60		R290(1,2)	0,0036
HM093HFX UB60		R290(1,2)	0,0036

\*t-CO<sub>2</sub> eq = F-gas (kg) x GWP / 1000

**GWP(Global warming potential)<sup>4</sup>**

Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid, R290 with a GWP equal to 3. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 3 times higher than 1 kg of CO<sub>2</sub>, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

**Annex** (EN/BG/ES/CZ/DK/DE/EE/GR/FR/HR/IT/LV/LT/HU/MT/NL/PL/PT/RO/SK/SI/FI/SE/GA/SR/MK/NO/SQ/S/BS)  **LG Electronics**





Model

HM163HF UB60 / HN1639HC NK0



Seasonal space heating energy efficiency of heat pump

 %

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 %+  %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

$$(\quad - 'I' ) \times 'II' = - \quad \%$$

Solar contribution

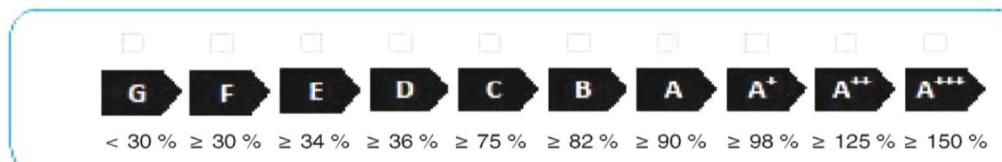
From fiche of solar device

Collector size  
(in m<sup>2</sup>)Tank volume  
(in m<sup>3</sup>)Collector efficiency  
(in %)Tank rating  
 $A^* = 0,95, A = 0,91,$   
 $B = 0,86, C = 0,83,$   
 $D-G = 0,81$ +  %

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	154%	0.00	2.28	0.89	29%	37%
35°C	201%	0.00	2.28	0.89	49%	50%