

SP-test Panasonic Flagship varmepumper

	Models 12000 BTU	Models 9000 BTU
Brand/model	Panasonic HE12GKE	Panasonic HE9GKE
Nominal Capacity Heating, kW	4.6 kW	3.5
Rated min/max heating, kW	0.6-7.7	0.6-6.5
Annual Energy Saving in different climatic zones and houses with different energy consumption (compared to direct electricity heating)		
City (Average ambient temperature)		
Malmö (8.2 °C)		
House with energy consumption 9 100 kWh/year	6300	6 400
House with energy consumption 16 600 kWh/year	10900	11 000
Borås (6.1°C)		
House with energy consumption 11 000 kWh/year	7000	7200
House with energy consumption 20 000 kWh/year	12200	12000
Luleå (1.3°C)		
House with energy consumption 15 400 kWh/year	8100	8300
House with energy consumption 28 000 kWh/year	13700	12700
Heating Capacity at +7°C, kW	4.6	3.5
Heating Capacity at +2°C, kW	5.3	4.6
Heating Capacity at -7°C, kW	4.6	4.0
Heating Capacity at -15°C, kW	3.8	2.1
Heating Capacity at +7°C, 75 % load, kW	3.5	2.7
Heating Capacity at +7°C, 50 % load, kW	2.4	1.7
Heating Capacity at +2°C, 50 % load, kW	2.7	2.3
COP at +7°C	4.4	5.0
COP at +2°C	2.6	3.0
COP at -7°C,	2.2	2.5
COP at -15°C	2.0	1.8
COP at +7°C, 75 % load	4.8	5.1
COP at +7°C, 50 % load	4.6	5.4
COP at +2°C, 50 % load	3.3	3.6
Sound Power level (max air flow)		
Outdoor Unit, dB(A)	66	58
Indoor Unit, dB(A)	59	57
Refrigerant	R410a	R410a
Lowest recommended outdoor temperature	-20°C	-20°C
Notes		New Nov 2007

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