

## Cooling

Model(s): Information to identify the model(s) to which the information relates:

Outdoor side heat exchanger of air conditioner: [default: air]

Indoor side heat exchanger of air conditioner: [default: air]

Type: compressor driven vapour compression

If applicable: driver of compressor: [electric motor]

Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasons are optional.

Item	Symbol	Value	Unit
Rated cooling capacity	$P_{\text{rated,c}}$	15,7	kW

Item	Symbol	Value	Unit
Seasonal space cooling energy efficiency	$\eta_{\text{s,c}}$	241,0	%

Declared cooling capacity for part load at given outdoor temperatures  $T_j$  and indoor 27°/19°C (dry/wet bulb)

$T_j=+35^\circ\text{C}$	$P_{\text{dc}}$	15,700	Kw
$T_j=+30^\circ\text{C}$	$P_{\text{dc}}$	11,602	Kw
$T_j=+25^\circ\text{C}$	$P_{\text{dc}}$	7,571	Kw
$T_j=+20^\circ\text{C}$	$P_{\text{dc}}$	3,532	Kw

Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures  $T_j$

$T_j=+35^\circ\text{C}$	$EER_d$	260,8	%
$T_j=+30^\circ\text{C}$	$EER_d$	448,6	%
$T_j=+25^\circ\text{C}$	$EER_d$	676,7	%
$T_j=+20^\circ\text{C}$	$EER_d$	1338,9	%

Degradation co-efficient for air conditioners(*)	$C_{\text{dc}}$	2,5	—
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## Power consumption in modes other than «active mode»

Off mode	$P_{\text{OFF}}$	0,013	kw
Thermostat-off mode	$P_{\text{TO}}$	0,001	kw

Crankcase heater mode	$P_{\text{ck}}$	0	kw
Standby mode	$P_{\text{SB}}$	0,013	kw

## Other items

Capacity control	fixed/staged/variable		
Sound power level, outdoor	$L_{\text{WA}}$	65/73	dB
GWP of the refrigerant		675	$\text{kgCO}_{2\text{eq}}$ (100 years)

For air-to-air air conditioner: air flow rate, outdoor measured	—	7200	$\text{m}^3/\text{h}$
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(\*) If  $C_{\text{dc}}$  is not determined by measurement then the default degradation coefficient air conditioners shall be 0,25.

(\*\*) From 26 September 2018.

Where information relates to multi-split air conditioners, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.

## Heating

Information to identify the model(s) to which the information relates:

Outdoor side heat exchanger of air conditioner: [default: air]

Indoor side heat exchanger of air conditioner: [default: air]

Indication if the heater is equipped with a supplementary heater: no

If applicable: driver of compressor: [electric motor]

Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasons are optional.

Item	Symbol	Value	Unit
Rated heating capacity	$P_{\text{rated,h}}$	11,9	kW

Declared heating capacity for part load at indoor temperature 20°C and outdoor temperature  $T_j$

$T_j = -7^\circ\text{C}$	$P_{\text{dh}}$	11,087	Kw
$T_j = +2^\circ\text{C}$	$P_{\text{dh}}$	6,941	Kw
$T_j = +7^\circ\text{C}$	$P_{\text{dh}}$	4,413	Kw
$T_j = +12^\circ\text{C}$	$P_{\text{dh}}$	4,363	Kw
$T_{\text{bin}}$ = bivalent temperature	$P_{\text{dh}}$	11,900	Kw
$T_{\text{ol}}$ = operation limit	$P_{\text{dh}}$	11,900	Kw
Bivalent temperature	$T_{\text{biv}}$	-10	°C
Degradation co-efficient heat pumps (*)	$C_{\text{dh}}$	0,25	—

Power consumption in modes other than «active mode»

Off mode	$P_{\text{OFF}}$	0,013	Kw
Thermostat-off mode	$P_{\text{TO}}$	0,014	Kw
Crankcase heater mode	$P_{\text{CK}}$	0,000	Kw

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{\text{s,h}}$	157,0	%

Declared coefficient of performance or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures  $T_j$

$T_j = -7^\circ\text{C}$	$\text{COP}_d$	262,0	Kw
$T_j = +2^\circ\text{C}$	$\text{COP}_d$	385,6	Kw
$T_j = +7^\circ\text{C}$	$\text{COP}_d$	531,2	Kw
$T_j = +12^\circ\text{C}$	$\text{COP}_d$	629,4	Kw
$T_{\text{bin}}$ = bivalent temperature	$\text{COP}_d$	242,4	Kw
$T_{\text{ol}}$ = operation limit	$\text{COP}_d$	242,4	Kw

Supplementary heater

Back-up heating capacity (*)	$e_{\text{lbu}}$	0,000	Kw
Standby mode	$P_{\text{SB}}$	0,013	Kw

## Other items

Capacity control	fixed/staged/variable		
Sound power level, indoor/outdoor measured	$L_{\text{WA}}$	65/73	dB
GWP of the refrigerant		675	$\text{kgCO}_{2\text{eq}}$ (100 years)

For air-to-air heat pumps: air flow rate, outdoor measured	—	7200	$\text{m}^3/\text{h}$
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(\*) If  $C_{\text{dh}}$  is not determined by measurement then the default degradation coefficient of heat pumps shall be 0,25.

(\*\*) From 26 September 2018.

Where information relates to multi-split heat pumps, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.