

(air-to-air air conditioners)

(*) If C_{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.

Information requirements (heat pump)

Model(s): GMV-120WL/C-T							
Outdoor side heat exchanger of heat pump	air						
Indoor side heat exchanger of heat pump	air						
Indication if the heater is equipped with a supplementary heater	no						
If applicable: driver of compressor	electric motor						
Parameters declared for	Average climate condition						
Item	symbol	value	unit	Item	symbol	value	unit
Rated heating capacity	P _{rated,h}	12.10	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	155.6	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance for part load at given outdoor temperatures T _j			
T _j = - 7 °C	P _{dh}	7.34	kW	T _j = - 7 °C	COP _d	2.40	-
T _j = + 2 °C	P _{dh}	4.46	kW	T _j = + 2 °C	COP _d	3.53	-
T _j = + 7 °C	P _{dh}	2.87	kW	T _j = + 7 °C	COP _d	6.40	-
T _j = + 12 °C	P _{dh}	2.80	kW	T _j = + 12 °C	COP _d	8.50	-
T _{biv} = bivalent temperature	P _{dh}	8.30	kW	T _{biv} = bivalent temperature	COP _d	2.00	-
T _{OL} = operation limit	P _{dh}	8.30	kW	T _{OL} = operation limit	COP _d	2.00	-
T _j = - 15 °C (if TOL < - 20 °C)	P _{dh}	-	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Bivalent temperature	T _{biv}	-10	°C	Operation limit temperature	T _{ol}	-10	°C
Degradation co-efficient heat pumps(**)	C _{dh}	0.25	—				
Power consumption in modes other than ‘active mode’				Supplementary heater			
Off mode	P _{OFF}	0.048	kW	Back-up heating capacity (*)	elbu	0	kW
Thermostat-off mode	P _{TO}	0.053	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.048	kW	Standby mode	P _{SB}	0.048	kW
Other items							
Capacity control	variable			air flow rate, outdoor measured	—	6000	m³/h
Sound power level, indoor/outdoor measured	L _{WA}	-/75.00	dB				
Emissions of nitrogen oxides (if applicable)	NO _x (***)	-	mg/kWh input GCV	Rated brine or water flow rate, outdoor side heat exchanger	—	-	m³/h
GWP of the refrigerant	2088		kg CO ₂ eq (100 years)				
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(*)							
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(***) 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.							