

(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-141WL/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	$P_{\text{rated,h}}$	14.10	kW	Seasonal space heating energy efficiency	$\eta_{\text{s,h}}$	151.4	%
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			
$T_j = -7\text{ °C}$	P_{dh}	8.70	kW	$T_j = -7\text{ °C}$	COP_d	2.30	-
$T_j = +2\text{ °C}$	P_{dh}	5.24	kW	$T_j = +2\text{ °C}$	COP_d	3.39	-
$T_j = +7\text{ °C}$	P_{dh}	3.46	kW	$T_j = +7\text{ °C}$	COP_d	6.38	-
$T_j = +12\text{ °C}$	P_{dh}	2.76	kW	$T_j = +12\text{ °C}$	COP_d	8.01	-
T_{biv} = bivalent temperature	P_{dh}	8.70	kW	T_{biv} = bivalent temperature	COP_d	2.30	-
T_{OL} = operation limit	P_{dh}	10.00	kW	T_{OL} = operation limit	COP_d	2.32	-
$T_j = -15\text{ °C}$ (if $T_{\text{OL}} < -20\text{ °C}$)	P_{dh}	-	kW	$T_j = -15\text{ °C}$ (if $T_{\text{OL}} < -20\text{ °C}$)	COP_d	-	-
Bivalent temperature	T_{biv}	-7.00	°C	Operation limit temperature	T_{ol}	-10.00	°C
Degradation co-efficient heat pumps(**)	C_{dh}	0.25	—				
Power consumption in modes other than ‘active mode’				Supplementary heater			
Off mode	P_{OFF}	0.049	kW	Back-up heating capacity (*)	e_{lbu}	0	kW
Thermostat-off mode	P_{TO}	0.054	kW	Type of energy input	Electric		
Crankcase heater mode	P_{CK}	0.049	kW	Standby mode	P_{SB}	0.049	kW
Other items							
Capacity control	variable			air flow rate, outdoor measured	—	5200	m³/h
Sound power level, indoor/outdoor measured	L_{WA}	-/77.00	dB				
Emissions of nitrogen oxides (if applicable)	$\text{NOx}(***)$	-	mg/kWh input GCV	Rated brine or water flow rate, outdoor side heat exchanger	—	-	m³/h
GWP of the refrigerant	2088		kg CO₂ eq (100 years)				
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