

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	P _{rated,h}	22.4	kW	Seasonal space heating energy efficiency	η _{h,h}	151.0	%
Refrigeration load	P _{design,h}	16.0	kW				
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T _J				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T _J			
T _J = - 7 °C	P _{dh}	14.1	kW	T _J = - 7 °C	COP _a or GUE _{h,bin} / AEF _{h,bin}	2.5	%
T _J = + 2 °C		8.6	kW	T _J = + 2 °C		3.6	%
T _J = + 7 °C		5.6	kW	T _J = + 7 °C		5.4	%
T _J = + 12 °C		5.8	kW	T _J = + 12 °C		6.6	%
T _{biv} = bivalent temperature		16.0	kW	T _{biv} = bivalent temperature		2.3	%
T _{OL} = operation limit		12.9	kW	T _{OL} = operation limit		1.9	%
For air-to-water heat pumps: T _J = - 15 °C (if T _{OL} < - 20 °C)		-	kW	For water-to-air heat pumps: T _J = - 15 °C (if T _{OL} < - 20 °C)		-	%
Bivalent temperature	T _{biv}	-10	°C	For water-to-air heat pumps: Operation limit temperature	T _{OL}	-20	°C
Degradation co- efficient heat pumps**	C _{dh}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P _{OFF}	0.024	kW	back-up heating capacity *	elbu	0.0	kW
Thermostat-off mode	P _{TO}	0.051	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW	Standby mode	P _{SB}	0.000	kW
Other items							
Capacity control		variable		For air-to-air heat pumps: air flow rate,outdoor		8880	m³/h
Sound power level, outdoor	L _{WA}	82.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor side heat exchanger		-	m³/h
Sound power level, indoor	L _{WA}	57.0	dB	Emissions of nitrogen oxides (if applicable)	NO _x ***	-	mg/kWh fuel input GCV
				GWP of the refrigerant		675	kg CO ₂ eq (100 years
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** If C_{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.
**** Refer to Information requirements for UnitList