Information requirements for heat pumps								
Model(s):	Indoor unit(s)	IM1-XY 27M*5						
	Outdoor unit	MU1-Y 125M						
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 shall be declared for the average heating season, parameters for the warmer and colder heating seasons are optional.								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated heatling capacity	$P_{rated,h}$	9,5	kW		Seasonal space heating energy efficiency	$\eta_{s,h}$	149,0	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j					Declared coefficient of performance or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
Item	symbol	value	unit		Item	symbol	value	unit
Tj = -7°C	Pdh	8,404	kW		Tj = -7°C	COPd	241,4	%
Tj = 2°C	Pdh	5,196	kW		Tj = 2°C	COPd	375,4	%
Tj = 7°C	Pdh	3,473	kW		Tj = 7°C	COPd	499,0	%
Tj = 12°C	Pdh	2,905	kW		Tj = 12°C	COPd	586,9	%
T_{biv} = bivalent temperature	Pdh	8,404	kW		T_{biv} = bivalent temperature	COPd	241,4	%
T_{OL} = operating limit	Pdh	8,892	kW		T_{OL} = operating limit	COPd	209,7	%
For air-to-water heat pumps: T_j = – 15 °C (if T_{OL} < – 20 °C)	Pdh	x,x	kW		For air-to-water heat pumps: T_j = – 15 °C (if T_{OL} < – 20 °C)	COPd	x,x	%
Bivalent temperature	T_{biv}	-7	°C		For water-to-air heat pumps: Operation limit temperature	T_{ol}	-15	°C
Degradation co-efficient heat pumps (**)	C_{dh}	0,25	—					
Power consumption in modes other than 'active mode'					Supplementary heater			
Off mode	P_{off}	0,0183	kW		Back-up heating capacity (*)	elbu	0,608	kW
Thermostat-off mode	P_{TO}	0,0342	kW		Type of energy input			
Crankcase heater mode	P_{CK}	0,000	kW		Standby mode	P_{sb}	0,0183	kW
Other items								
Capacity control	variable				For air-to-air heat pumps: air flow rate, outdoor measured	—	3850	m3/h
Sound power level,indoor/outdoor measured	L_{WA}	54/69	dB		For water/brine-to-air heat pumps: Rated brine or water flow rate, outdoor side heat exchanger	—	x	m3/h
Emissions of nitrogen oxides (if applicable)	NO_x (**)	x	mg/kWh fuel input GCV					
GWP of the refrigerant		675	kg $CO_{2\ eq}$ (100 years)					
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