

**Product fiche** concerning the  
COMMISSION DELEGATED REGULATIONS

(EU)No 811/2021 of 18 February 2013

(EU)No 811/2021 of 02 August 2013

Models: Outdoor Unit: CWP-M 10 M1 Indoor Unit:None

<u>Air-to-water heat pump</u>	<u>Yes</u>
<u>Brine-to-water heat pump</u>	<u>No</u>
<u>Low temperature heat pump</u>	<u>No</u>
<u>Equipped with a supplementary heater</u>	<u>No</u>
<u>Heat Pump Combination Heater</u>	<u>No</u>
<u>Parameters shall be declared for</u>	<u>Medium-temperature applications</u>
<u>Parameters shall be declared for</u>	<u>Average Climate Conditions</u>

Item	Symbol	Value	Unit
Rated Heat Output	Prated	9.827	kW
Seasonal space heating energy efficiency	$\eta_s$	138.3	%
Energy Classes		A++	
Seasonal Coefficient of Performance	SCOP	3.53	kWh/kWh
Annual Energy consumption	QHE	5748	kWh
Sound power level indoors/outdoors	LWA	59	dB(A)

Declared capacity for heating for part load at indoor  
Temperature 20°C and outdoor temperature Tj

Declared coefficient of performance or primary energy ratio for  
part load at indoor temperature 20°C and outdoor temperature Tj

Tj = -7°C	Pdh	8.693	kW	Tj = -7°C	COPd	2.35	
Tj = +2°C	Pdh	5.307	kW	Tj = +2°C	COPd	3.45	
Tj = +7°C	Pdh	4.289	kW	Tj = +7°C	COPd	4.61	
Tj = +12°C	Pdh	4.988	kW	Tj = +12°C	COPd	6.19	
Tj = bivalent temperature	Pdh	8.693	kW	Tj = bivalent temperature	COPd	2.10	
Tj = operation limit temperature	Pdh	9.184	kW	Tj = operation limit temperature	COPd	2.35	
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-10	°C
				Heating water operating limit temperature	WTOL	75	°C
<b>Power consumption in modes other than active mode</b>				<b>Supplementary Heater</b>			
Off Mode	P <sub>OFF</sub>	0.010	kW	Rate heat output	P <sub>sup</sub>	-	kW
Thermostat-off mode	P <sub>TO</sub>	0.011	kW				
Standby mode	P <sub>SB</sub>	0.010	kW	Type of energy input	-		
Crankcase heater mode	P <sub>CK</sub>	0.048	kW				

<b>Other items</b>					
Capacity control	Variable		Rated airflow rate, outdoors		m <sup>3</sup> /h
Outlet temperature capacity control	Variable				
Water flow rate capacity control	Fixed				

Models: Outdoor Unit: CWP-M 10 M1    Indoor Unit:None

Air-to-water heat pump Yes

Brine-to-water heat pump No

Low temperature heat pump No

Equipped with a supplementary heater No

Heat Pump Combination Heater No

Parameters shall be declared for Low-temperature applications

Parameters shall be declared for Average Climate Conditions

Item	Symbol	Value	Unit
Rated Heat Output	Prated	9.831	kW
Seasonal space heating energy efficiency	$\eta_s$	189	%
Energy Classes		A+++	
Seasonal Coefficient of Performance	SCOP	4.80	kWh/kWh
Annual Energy consumption	QHE	4232	kWh
Sound power level indoors/outdoors	LWA	61	dB(A)

Declared capacity for heating for part load at indoor Temperature 20°C and outdoor temperature Tj

Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature Tj

Tj = -7°C	Pdh	8.697	kW	Tj = -7°C	COPd	3.18	
Tj = +2°C	Pdh	5.302	kW	Tj = +2°C	COPd	4.70	
Tj = +7°C	Pdh	4.530	kW	Tj = +7°C	COPd	6.22	
Tj = +12°C	Pdh	4.163	kW	Tj = +12°C	COPd	8.34	
Tj = bivalent temperature	Pdh	8.697	kW	Tj = bivalent temperature	COPd	3.18	
Tj = operation limit temperature	Pdh	9.702	kW	Tj = operation limit temperature	COPd	2.74	
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-10	°C
				Heating water operating limit temperature	WTOL	75	°C

**Power consumption in modes other than active mode**

**Supplementary Heater**

Off Mode	P <sub>OFF</sub>	0.010	kW	Rate heat output	P <sub>sup</sub>	-	kW
Thermostat-off mode	P <sub>TO</sub>	0.011	kW				
Standby mode	P <sub>SB</sub>	0.010	kW	Type of energy input	-		
Crankcase heater mode	P <sub>CK</sub>	0.048	kW				

<b>Other items</b>						
Capacity control	Variable		Rated airflow rate, outdoors		-	m <sup>3</sup> /h
Outlet temperature capacity control	Variable					
Water flow rate capacity control	Fixed					

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