

### CWM Water Source Heat Pump-cooling/heating&hot water

Model		CWM-08	CWM-12	CWM-20	CWM-24	CWM-40	CWM-48
AC cooling	Cooling capacity kW	5.6	8.5	14.1	17.5	27.1	32.9
	Input power KW	1.75	2.6	4.25	5.3	8.2	9.85
	Rated input current A	6.5	9.5	5.9	7.4	11.6	14.2
	EER	3.2	3.2	3.3	3.3	3.3	3.3
AC cooling with heat recovery for hot water	Cooling capacity kW	4.7	7.4	12.1	15.2	23.5	28.6
	Heating capacity kW	5.8	9.2	14.5	18.5	30	36.7
	Hot water output T/H	0.15	0.2	0.3	0.4	0.65	0.8
	Input power KW	1.45	2.25	3.7	4.75	7.2	9.2
	Rated input current A	6.2	9.4	6	7.6	12.2	14.8
	EER+COP	7.2	7.4	7.2	7.1	7.4	7.1
AC heating with Hot water	Heating capacity kW	6.5	11	18	22	35	44
	Hot water output T/H	0.15	0.23	0.37	0.46	0.75	0.93
	Input power KW	1.4	2.25	3.7	4.58	7.43	9.24
	Rated input current A	7	11.25	7.4	9.16	14.86	18.66
	COP	4.64	4.89	4.86	4.8	4.7	4.76
Rated & Max water temp	55°C and 60°C						
Power source V/PH/HZ	220V/50HZ	380V/220V/50HZ	380V/3N/50HZ				
Noise level dB(A)	<50	<50	<55	<55	<58	<60	
Unit size W x D x H mm	620*825*595	620*825*595	680*1020*770	680*1020*770	800*1080*1300	800*1080*1300	
Wood Packing W x D x H mm	720*925*700	720*925*700	780*1120*890	780*1120*890	900*1180*1420	900*1180*1420	
Net weight Kg	110	135	170	190	260	300	
Throttle Type	Thermal expansion valve						
Refrigerant Qty kg	1.1(R407C)	1.7(R407C)	2(R407C)	2.5(R407C)	4(R407C)	5(R407C)	
Compressor Pcs	1(Daikin)	1(Daikin)	1(Daikin)	1(Daikin)	2(Daikin)	2(Daikin)	
Protection	Built-in protection overheating protection, phase sequence protection, undervoltage protection, time-delay start protection etc .						
Type	Efficient tube in tube heat exchanger						

<b>Condensor</b>	<b>Quantity pcs</b>	1	1	1	1	1	1
	<b>Water flow</b>	0.54	0.81	1.23	1.66	2.57	3.13
	<b>Pressure Loss Kpa</b>	10	10	12	12	14	18
	<b>Pipe size</b>	20	20	25	25	32	32
<b>Hot water</b>	<b>Type</b>	Efficient tube in tube heat exchanger					
	<b>Quantity</b>	1	1	1	1	1	1
	<b>Water flow M<sup>3</sup>/H</b>	1.12	1.81	2.99	3.72	5.97	7.41
	<b>Pressure Loss Kpa</b>	10	10	12	12	14	18
	<b>Pipe size mm</b>	20	20	25	25	32	32
<b>Air Conditioner</b>	<b>Type</b>	Efficient tube in tube heat exchanger					
	<b>Quantity</b>	1	1	1	1	1	1
	<b>water flow M<sup>3</sup>/H</b>	0.96	1.46	2.43	3.01	4.66	5.66
	<b>Pressure Loss Kpa</b>	10	10	12	12	14	18
	<b>Pipe size mm</b>	20	20	25	25	32	32
	<b>Water side max working temp kPa</b>	1000	1000	1000	1000	1000	1000

1:AC cooling working condition: water source side inlet water temp 18 °C, outlet water temp 29 °C; AC side inlet water temp 12 °C,outlet water temp

2.Rated cooling&hot water conditions: initial hot water temp 15 °C, ending hot water temp 55 °C;AC side inlet water temp 12 °C,outlet water temp

2.Rated heating&hot water condition: water source side inlet water temp 15 °C,initial hot water temp 15 °C, ending hot water temp 55 °C;AC side inlet water temp 40 °C,outlet water temp 45 °C.

### Product options:

- 1.Stainless steel casing
- 2.Soft starter apparatus



If need to add above functions, pls  
contact us, it need to add cost.



CWM-08/12/20/24/40/48