


Heating Thermodynamic Module




HTM is the new line developed by CLIMER of Solar Thermodynamic Heat pumps suitable for heating and DHW production.

It uses solar thermodynamic panels to extract energy from solar radiation and environmental factors and transfers it into the water.


The advantage of working in any weather condition and its reliable components make it an ideal solution to achieve the highest savings.


 Reduces energy use by up to 60%


 Extracts heat from sun, rain and air

 Designed for ease of install, servicing and repair

 High efficient SCROLL compressor

 Premium Stainless Steel plate heat exchanger

 Unnecessary defrost function, increases efficiency

 Heats water up to 65 °C depending of the model

 Compliant with Eco-design and Eco-labelling

 Made of 100% European components.



HTM Standard Series

The Standard series heats up to 55 °C. This series is suitable for underfloor heating, fan coils and medium temperature applications.

HTM A Series

The HTMA series is suitable for a house with traditional high-temperature radiators (such as cast iron radiators), since it provides output water temperatures of 65°C.

TECHNICAL DATA

Standard Models	HTM06	HTM08	HTM12	HTM16	HTM20	HTM24	HTM30	HTM36
Heating capacity range (1), W	11.450 · 7.420	14.100 · 9.280	17.000 · 11.310	21.710 · 14.310	26.350 · 17.430	36.630 · 23.770	44.440 · 29.050	52.790 · 34.550
Input power range (1), W	1.980 · 1.820	2.630 · 2.550	3.010 · 3.000	3.540 · 3.530	4.130 · 4.070	5.700 · 5.680	6.950 · 6.910	8.200 · 8.080
Heating capacity range (2), W	10.000 · 6.810	12.850 · 9.150	15.500 · 11.150	18.940 · 13.420	22.730 · 15.970	31.150 · 21.770	37.900 · 26.540	44.570 · 31.400
Input power range (2), W	2.830 · 2.640	3.760 · 3.650	4.460 · 4.420	5.630 · 5.690	6.620 · 6.610	8.730 · 8.600	10.500 · 10.220	12.820 · 12.570
Maximum temp. HP, °C	55							
Coolant	R407c							
Power supply, V/ph/Hz	230 / 1 / 50				380 / 3 / 50			
Number of panels	6	8	12	16	20	24	30	36
Panel dimensions, mm	1700x800							
Casing	M				L			

High Temperature Models	HTM06A	HTM08A	HTM12A	HTM16A	HTM24A	HTM30A	HTM36A
Heating capacity range (1), W	9.810 · 6.340	11.350 · 7.300	14.050 · 9.010	20.900 · 13.150	28.000 · 18.050	35.700 · 22.900	43.800 · 27.800
Input power range (1), W	1.740 · 1.630	1.930 · 1.820	2.460 · 2.260	3.960 · 3.550	4.890 · 4.430	6.270 · 5.630	7.610 · 6.880
Heating capacity range (3), W	8.530 · 5.710	9.830 · 6.620	12.250 · 8.220	17.900 · 11.800	24.400 · 16.200	30.800 · 20.300	37.500 · 24.500
Input power range (3), W	2.640 · 8.530	2.980 · 2.750	3.740 · 3.430	5.620 · 4.940	7.310 · 6.510	9.210 · 8.030	11.150 · 9.580
Maximum temp. HP, °C	65						
Coolant	R134a						
Power supply, V/ph/Hz	230 / 1 / 50				380 / 1 / 50		
Number of panels	6	8	12	16	24	30	36
Panel dimensions, mm	1700x800						
Casing	M				L		

(1) Heating Water 35°C / Ambient Temperature range 20-7 °C

(2) Heating Water 55°C / Ambient Temperature range 20-7 °C

(3) Heating Water 60°C / Ambient Temperature range 20-7 °C

DIMENSIONS

Casing	M	L
A, mm	657	800
B, mm	508	650

