

HYBOSUN HT

20-330 kWh

**SOLAR
BOILER**
for PLENTY
SANITARY WATER
& HEATING



SOLAR BOILER HYBOSUN HT

With the SUN as BASIC ENERGY SOURCE, and alternatively with any other energy/fuel you have, build your own HOT WATER SYSTEM.

HYBOSUN boiler is the ideal solution for **PLENTY SANITARY WATER** supply, with the maximum energy savings. You can combine the **HYBOSUN** boiler with a Gas / Oil / Pellet pressure burner or, a Heat Pump or even Geothermy.

HYBOSUN boiler is an innovative solar boiler.

In its simplest form has two standard stainless steel coil heat exchangers. The first exchanger is connected to the solar collectors and the second exchanger supplies the hot sanitary water (DHW).

A pressure burner of any fuel is necessary in case more stability in water's temperature is needed or in case of heating demand.

Additional coil exchangers will take advantage of any other form of energy you have, as, Heat Pump, Geothermy, Wood when electric element is another option of **HYBOSUN'S** energy sources.

There are no limits for **HYBOSUN**.

As accessories **HYBOSUN** boiler is delivered to you with Auto Self Cleaning Systems, controlled by the boiler's programmer, for the **exhaust tubes** and the **combustion chamber**.

The digital touch screen of HT boiler controls:

- Burner's functions
- D.H.W. temperature
- The two circulation pumps, for **heating** and **solar circuit**.
- Automatic ON of the Electric element after burner's fault
- "Weather compensation" function



Up to 13.000 Lit/h
continuous flow of
hot sanitary water

TECHNICAL CHARACTERISTICS

SERIES HT		HT 20	HT 30	HT 40	HT 50	HT 65	HT 85	HT 100	HT 125	HT 150	HT 175	HT 200	HT 250
Nominal Power / Gas	kW/h	36	46	57	67	82	113	129	165	206	232	268	330
Nominal Power / Oil	kW/h	35	45	55	65	80	110	125	160	200	225	260	320
Nominal Power / Wood Pellet	kW/h	8 - 20	10-30	12-40	15-50	25-65	30-85	40-100	50-125	60-150	70-175	80-200	100-250
D.H.W. Per hour, Δt-25 °C	lit/h	>1.600	>1.800	>2.200	>2.600	>3.200	>4.400	>5.000	>6.500	>8.000	>9.000	>10.400	>12.800
Boiler's water (buffer)	lit.	300	300	400	400	400	550	750	750	750	1000	1000	1000
D.H.W. Exchanger's surface	m ²	3,9	3,9	4,55	4,55	5,2	5,2	6	6,5	7	7,5	8	8,5
Solar Exchanger's surface	m ²	1,9	1,9	2,05	2,05	3,5	4	4	4,5	4,8	5,2	5,4	5,8
Solar Collectors Surface (min)	m ²	5	5	6	6	6	8	11	11	11	15	15	15
Width of Boiler	mm	755	755	780	780	780	805	970	1.000	1.000	1.070	1.070	1.100
Width of Boiler with the tank	mm	1200			1220			1245	1.410	1.440	1.510		1.540
Length	mm	805			830			855	1.020		1.050	1.120	
Height	mm	1.475	1.475	1.700	1.700	1.700	1.825	2.025	2.050	2.050	2.225	2.225	2.275
Volume of Steel tank (only in pellet)	Lit.	490	490	560			630	720	750		820		850
Chimney Diameter	mm	150			180			200			250		
Dimensions (W/L/H)	mm	755/805/1475	780/830/1700		805/855/1825			905/955/1825	905/1005/2000		1055/1055/2125		1055/1105/2175
Boiler's Weight	kg	300	305	370	390	420	510	620	780	870	980	1.080	1.200

MIK EUROPE P.C.
Industrial area of Sindos,
B.B. 40, Entrance C
57 022 Thessaloniki, Greece

Tel.: +30 2310 710 008
Fax: +30 2310 722 560
e-mail: export@mytherm.com

www.mytherm.com