



DOMESTIC

THERMODYNAMIC SOLAR BLOCK



100% ENVIRONMENTAL FRIENDLY
MAX HOT WATER USING SOLAR ENERGY
HOT WATER AVAILABLE 24 HOURS A DAY 7 DAYS A WEEK 365 DAYS A YEAR

Domestic Thermodynamic Solar Block

Solar Thermal Block is a major component of Thermodynamic Solar Heating System. Solar Thermal Block includes

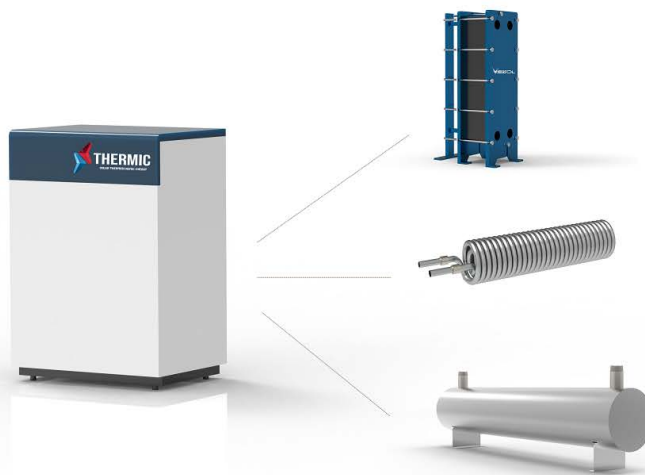
A Low Consumption Compressor- which circulate thermal fluid throughout the closed system

A heat exchanger- which transfer heat from thermal fluid to water of central heating system or pool heating or space heating

An Expansion Valve- which allows thermal fluid expansion by reducing fluid pressure and allow the fluid to pass to thermodynamic panel again.



THERMIC Solar thermal block is capable to produce and supply Hot Water at 60 Degree C throughout the day though it is rainy or snow or night. Maintenance is practically non-existent. THERMIC Solar thermal Block are capable to produce hot water at 3kW to 55kW thermal power.



AVAILABLE IN MULTIPLE
HEAT EXCHANGER OPTIONS

- Hot Water Production at 60 Degree C throughout Day
- Available with multiple Heat Exchanger
- Can you use upto 40 Thermodynamic Panels
- Available Thermal powerout 3kW- 55kW
- Combination to use with storage from 300L to 6000L
- Cascade models for higher demand

Domestic Thermodynamic Solar Block

Model		DTSB-15	DTSB -25	DTSB -35	DTSB -50	DTSB -70
Power Supply		~220V 50/60HZ				
Max Water Output Temp	°C	65	65	65	65	65
Rated Heat Capacity	W	1600	2500	3500	4500	7000
Rated Power Input	W	320	370	680	800	1000
Rated Current Input	A	1.4	1.7	3.1	3.7	6.4
Noise	dB	≤45	≤45	≤45	≤45	≤48
Weight	kG	18	20	23	26	32
Size (L*W*H)	mm	380X450X450			400X480X480	
Environment Temperature	°C	-20~50				
Storage Tank Volume	L	100	150	200	300	500
TSP Area / Panel Area	m ²	1.6	1.6	3.2	6.4	6.4

Average Consumption assumed as 50L/Person/Day, All design based on Ambient Temp 10-50 Degree C





THERMIC

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