



DUROSOL
CHAUFFE - EAU SOLAIRE



Solar Water Heater

We are proud to introduce to you our **Solar Key-mark's** certified Solar Water Heaters **DUROTHERM/DUROSOL** which are the result of our continuous efforts in research and development in the most modern manufacturing processes.

Our Solar Water Heaters **DUROTHERM/DUROSOL** are thermosiphonic closed loop systems which protects the collector against freezing and clogging (caused by limestone build-up) and thus increases the lifetime of the system.

Our solar collector reaches a very high efficiency thanks to its full-plate /stripes **selective absorber** that maximizes the absorption of solar radiations and reduces the energy emissions.

Moreover, the **low iron tempered solar glass (extra-clear)** ensures maximum transparency and protection against extreme weather conditions as well as a more effective usage of solar energy through its micro-prisms that prevent the loss of reflected sunrays.

Our hot water storage tank has a high reliability and a long service life due to the thickness of its wall and its inner coating enabling it to resist corrosion and to ensure food quality storage.

The Solar Water Heaters **DUROTHERM/DUROSOL** are conceived in a contemporary design, using the latest technologies while obeying to the highest quality standards.



Ecological
Saving

SINES Industrie

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Specifications

Storage Boiler:

- Material : Galvanized Steel
- Thickness : 3 mm
- Inside coating:Vitrified Duroplastic coating according to DIN 4753-4

Anodic protection

- Type: Magnesium rod

Closed circuit Security valve

Heat exchange:

- Operating mode : Closed circulation
- Type : Jacket
- Material : Galvanized steel
- Thickness : 2mm

Backup :

- Type : Electrical resistance
- Standard Power: 2000W -220V

Insulation :

- Material: Polyurethane CFC free (ecological reaction)
- Thickness : 50mm
- Density: 43 – 45kg/m3

Bipolar thermostat of four contacts

Outside cover :

- Material : Galvanized steel
- Thickness : 0.5mm
- Coating : pure Polyester electrostatically applied

High temperature Rubber joint (Gasket)

Glazing :

- Material : Prismatic, low iron (Extra-clear) solar Tempered Glass (Securit)
- Thickness : 3.2mm

Frame Box

- Material: Aluminum Profile
- Sealant: Polyurethane sealing glue / silicone

Absorber :

- Type : Full plate/Stripes absorber
- Coating : Selective

Backside

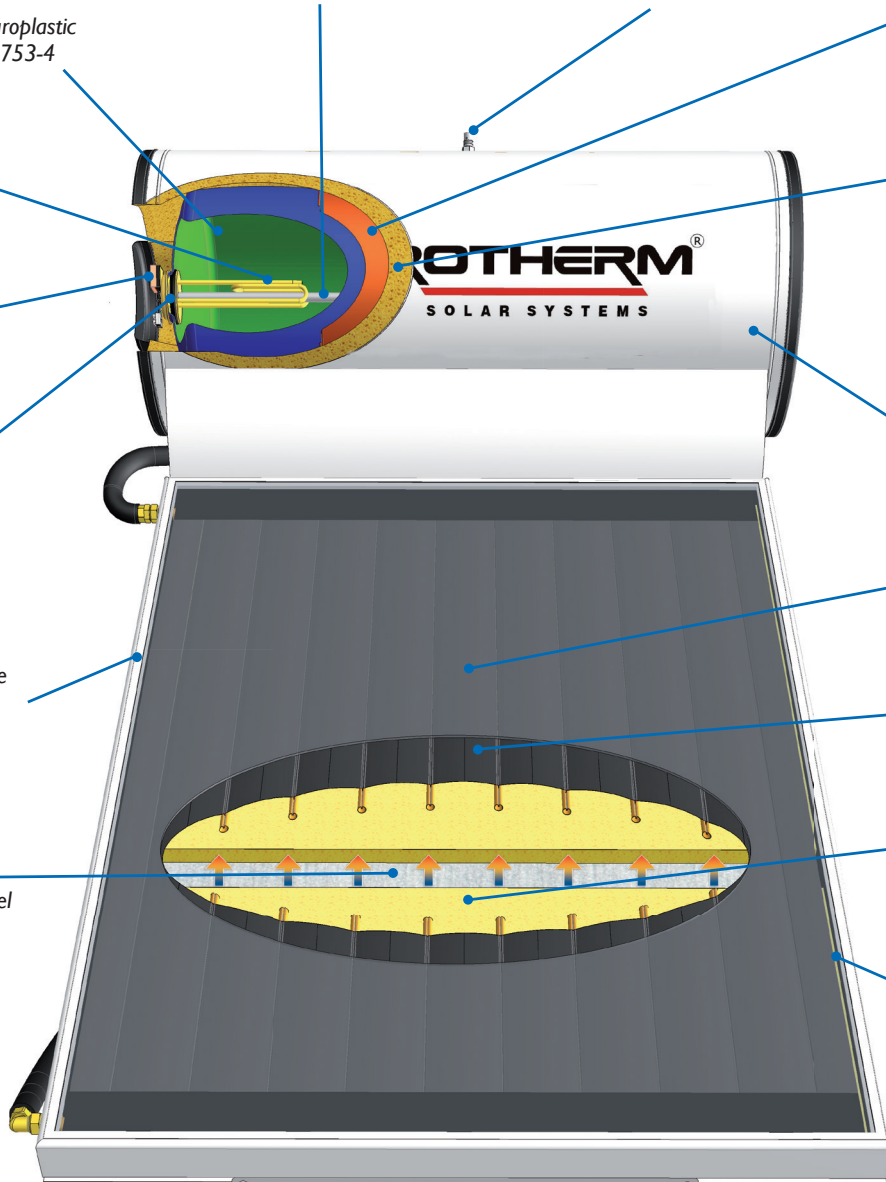
- Material : Galvanized Steel
- Thickness : 0.4 mm
- Sealant: Polyurethane sealing glue/silicone

Backside insulation :

- Material : Glass wool
- Thickness : 30/40 mm

Side insulation:

- Material : Glass wool
- Thickness : 15/20 mm



Solar Water Heater Model	STORAGE TANK					SOLAR COLLECTORS					SUPPORTS & ACCESSORIES		TOTAL WEIGHT (kg)	
	Model	Nominal Volume (l)	Outside diameter (mm)	Length (mm)	Empty Weight (kg)	Model	Dimensions (mm)	Number of collector(s)	Area / collector (m ²)	Empty Weight / collector (kg)	Material	Weight (kg)	Empty	Full
DUROTHERM 1520	J150	150	560	1020	59	T200S	1992x992x95	1	1,98	33	Galvanized steel corners & Brass	27	119	269
DUROSOL 1520						ENERGY+ EVO 20	2006x1007x85	1	2,02	30		116	266	
DUROTHERM 2020	J200	200	560	1270	75	T200S	1992x992x95	1	1,98	33		27	135	335
DUROSOL 2020						ENERGY+ EVO 20	2006x1007x85	1	2,02	30		132	332	
DUROTHERM 2023	J200	200	560	1270	75	T230S	1877x1265x95	1	2,37	41		27	143	343
DUROTHERM 3040	J300	300	560	1870	118	T200S	1992x992x95	2	1,98	33		35	219	519
DUROSOL 3040						ENERGY+ EVO 20	2006x1007x85	2	2,02	30	213		513	

Distributor

International Recognitions :



Solar Keymark

