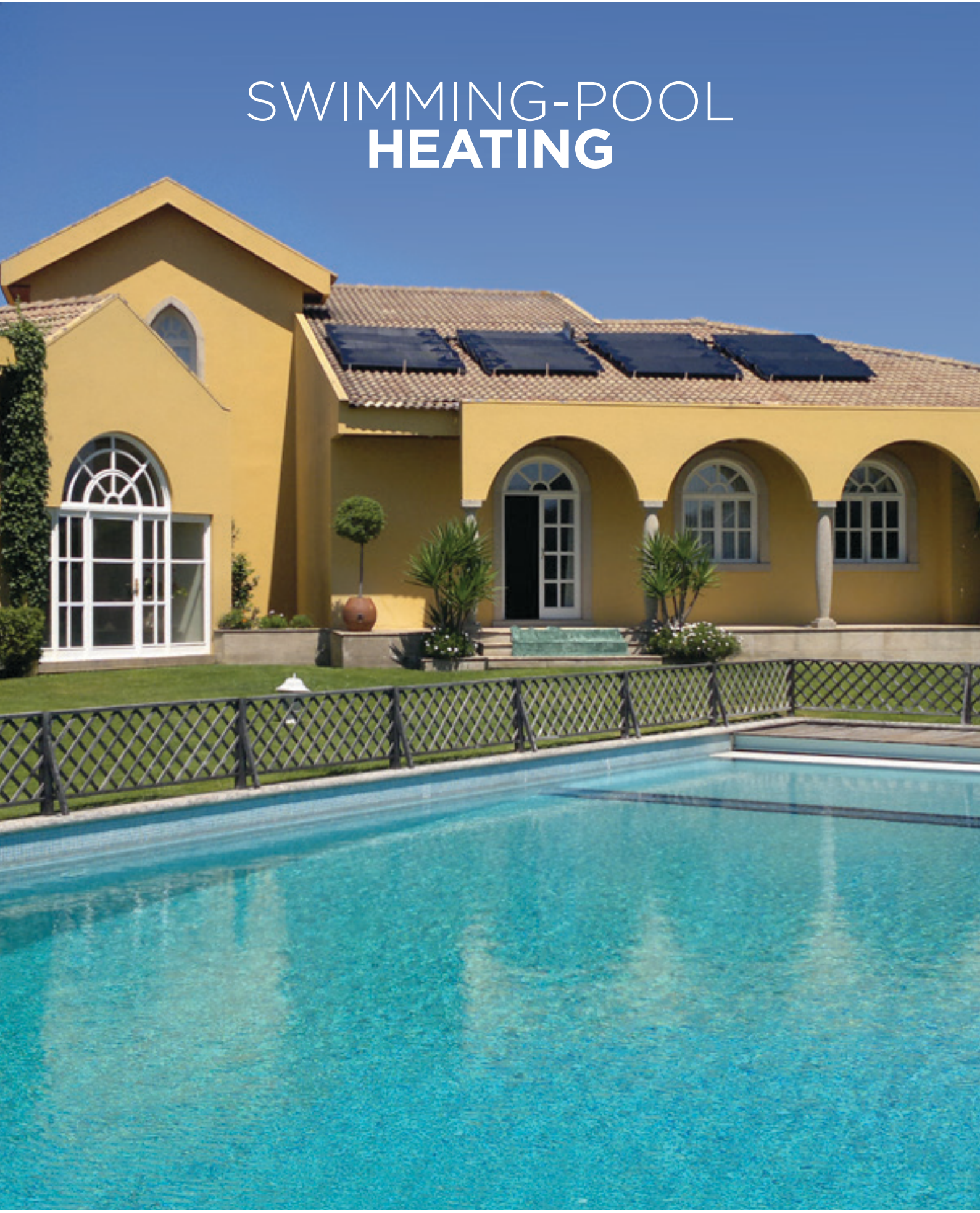
SWIMMING-POOL **HEATING**



RENEWABLE ENERGY

SWIMMING-POOL HEATING

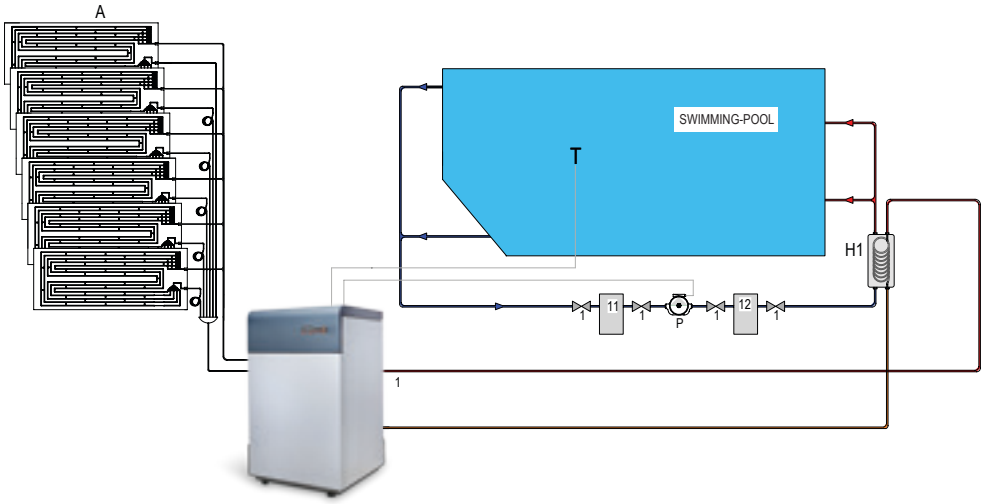
Thermodynamic Solar Solution for Swimming-pools

Equipment from 6 up to 40 solar panels

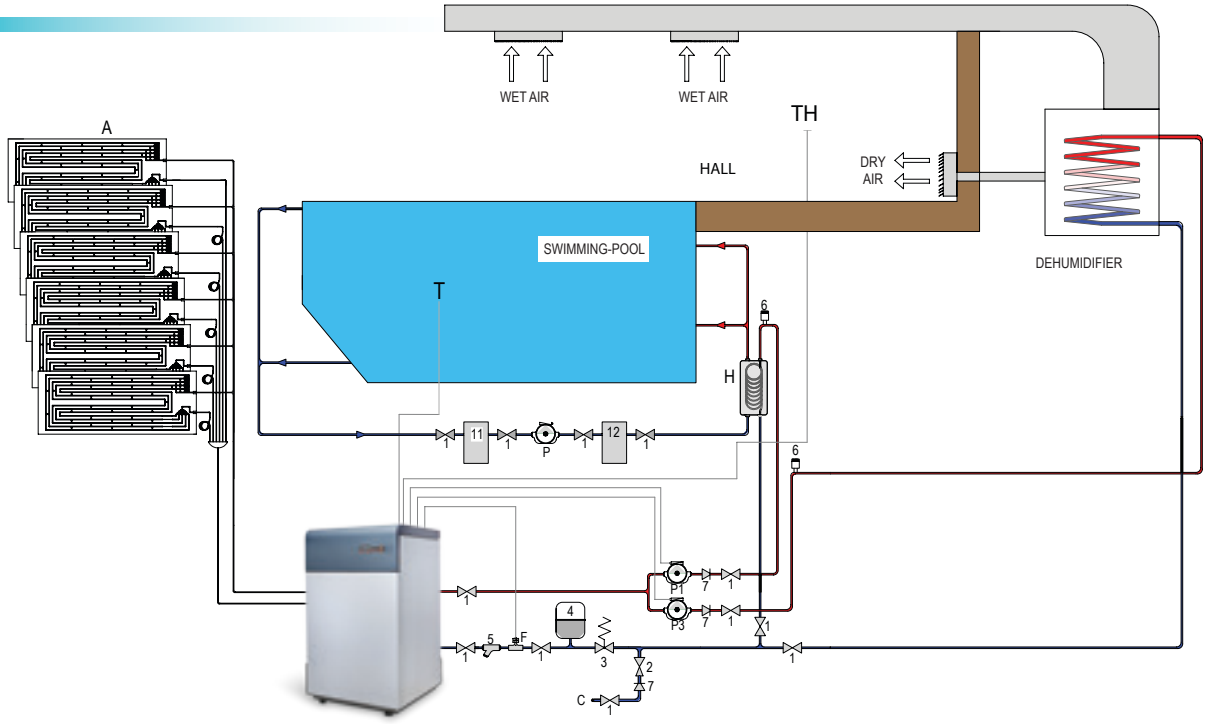
SWIMMING-POOL HEATING

ENERGIE THERMODYNAMIC SOLAR ENERGY

Swimming-pool Heating
Standard Installation



Swimming-pool + Dehumidifier
Combined Solution



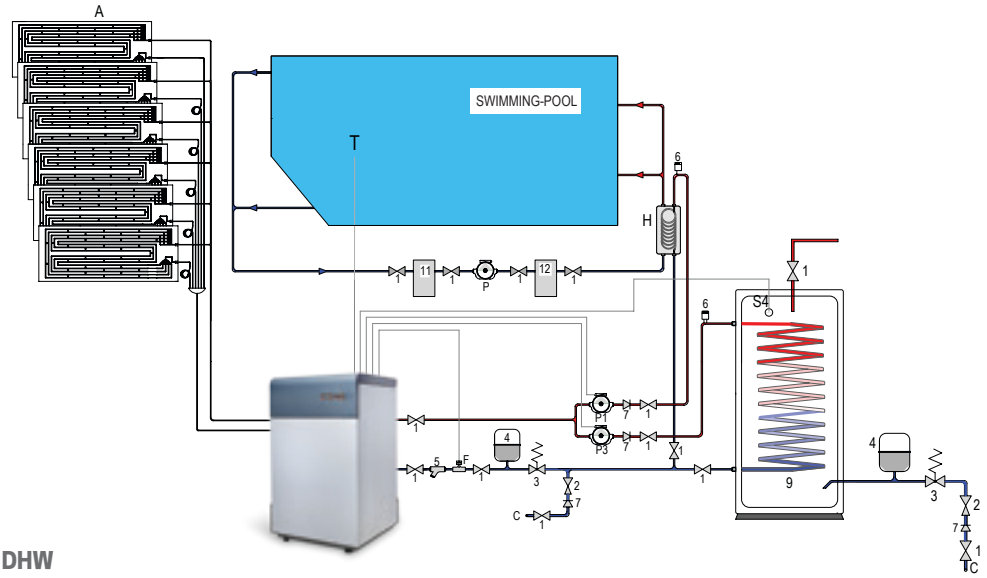
1 Shut-off Valve	6 Drain Valve	C Cold Water Inlet	T Thermostat
2 Pressure Reducer	7 Check Valve (non-return)	F Flow Switch	G Swimming-pool
3 Security Valve	11 Pre-filter	P1 Circulating Pump 1	H Water/water titanium heat exchanger
4 Expansion Valve	12 Filter	P2 Circulating Pump 2	TH Thermo-Hygrometer
5 Filter	A Thermodynamic Solar Panels	P3 Circulating Pump 3	H1 Gas/Water Titanium Heat Exchanger

Choose your model

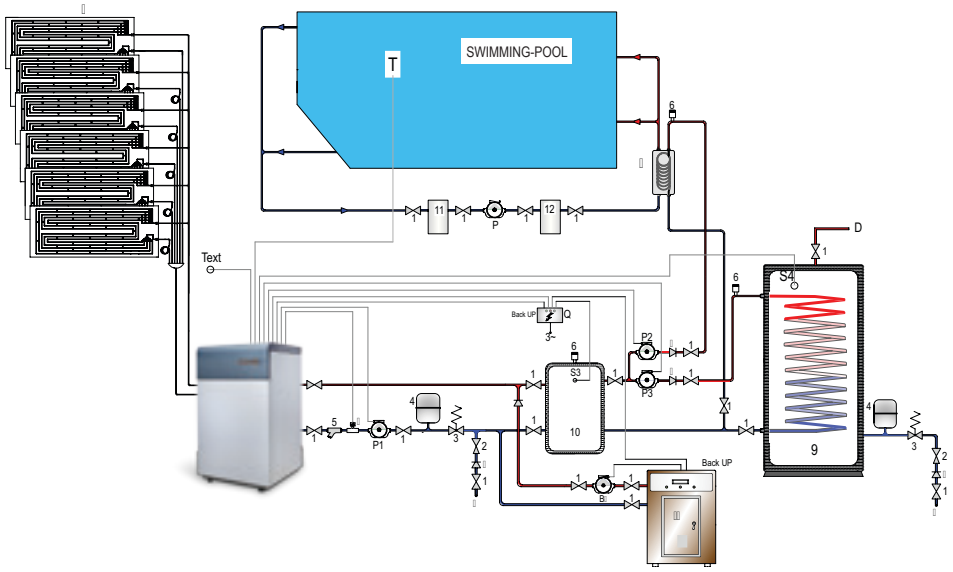
SOLAR BLOCK 88 PLUS 888 A

1 2 *3 *4 5

Swimming-pool + DHW
Combined Solution



Swimming-pool + DHW
Combined Solution with backup



1	Shut-off Valve	9	Thermal Storage	F	Flow Switch	T	Thermostat
2	Pressure Reducer	10	Buffer Tank	P1	Circulating Pump 1	BC	Boiler Circulator Pump
3	Security Valve	11	Pre-filter	P2	Circulating Pump 2	Q	Control Box
4	Expansion Valve	12	Filter	P3	Circulating Pump 3	G	Swimming-pool
5	Filter	A	Thermodynamic Solar Panels	S3	Temperature Sensor S3	H	Water/water titanium heat exchanger
6	Drain Valve	C	Cold Water Inlet	S4	Temperature Sensor S4	H1	Gas/Water Titanium Heat Exchanger
7	Check Valve (non-return)	D	Hot Water Outlet	Text	Outside Thermostat		

1 Model
Swimming-pool Heating Solar Block

2 Numbers of Solar Panels
6, 12, 16, 28, or 40

*3 **Combined Solution**
Central Heating or Central Heating + Domestic Hot Water (Plus)

*4 **Capacity**
Being a Plus Solution the Available Capacities are 200, 300 or 500 litres

5 S Single-Phase Version
T Three-Phase Version

* Only for the Combined Solution if applicable

HEATED SWIMMING-POOL EVERY DAY **OF THE YEAR**

WARRANTY 10 YEARS SOLAR PANEL

Check warranty conditions

- SWIMMING-POOL HEATED ALL YEAR ROUND WITH THE LOWEST COST IN THE MARKET
- NON-EXISTENT PROGRAMMED MAINTENANCE
- POSSIBILITY OF JOINING ALL HOUSE HEATING EQUIPMENT INTO JUST ONE SOLUTION
- POSSIBILITY OF ALTERNATING BETWEEN ENVIRONMENT HEATING IN THE COLDER SEASONS AND SWIMMING-POOL HEATING IN THE WARMER SEASONS
- HIGHLY-RESISTANT AND DURABLE TITANIUM EXCHANGER
- HIGHLY EFFICIENT SCROLL COMPRESSOR
- FREE OF DEFROST CYCLES
- SMALL DIMENSION INDOOR UNIT
- ELECTRONIC EXPANSION VALVE

MAXIMUM EFFICIENCY

Note Simplified representative diagram

Technical drawing of the Solar Block on page 54

SPECIFICATIONS

Model		Solar Block 6	Solar Block 12	Solar Block 16	Solar Block 28	Solar Block 40
Solar Panels	Nr.	6	12	16	28	40
Maximum Thermal Power	W	7500	16580	24210	38220	54600
Power Consumption Min.	W	1230	2010	3210	5650	8450
Electrical Supply		1~/ 230V / 50 Hz ou 3~/ 400V / 50 Hz			3~/ 400V / 50 Hz	
Protection (M/T)*	A	16/6	25/10	2x16/6	20	25
Gross Weight	kg	48	96	128	210	320

*Magnetothermic protection switch (S, for the Single-phase version and T, for the Three-phase version) to be fitted by the installer.

Model	Panels	Volume to be heated *	Cylinder	Electrical Supply
Solar Block 6	6	25 m^2	-	230V ou 400V
Solar Block 12	12	55 m^2	-	230V ou 400V
Solar Block 16	16	80 m^2	-	230V ou 400V
Solar Block 28	28	150 m^2	-	400V
Solar Block 40	40	180 m^2	-	400V
Solar Block 6 Plus	6	25 m^2	200	230V or 400V
Solar Block 12 Plus	12	55 m^2	300	230V or 400V
Solar Block 16 Plus	16	80 m^2	300	230V or 400V
Solar Block 28 Plus	28	150 m^2	500	400V
Solar Block 40 Plus	40	180 m^2	500	400V

*Does not relieve the sizing of the solar system according to the swimming pool, installation and geographic location.