CENTRAL HEATING

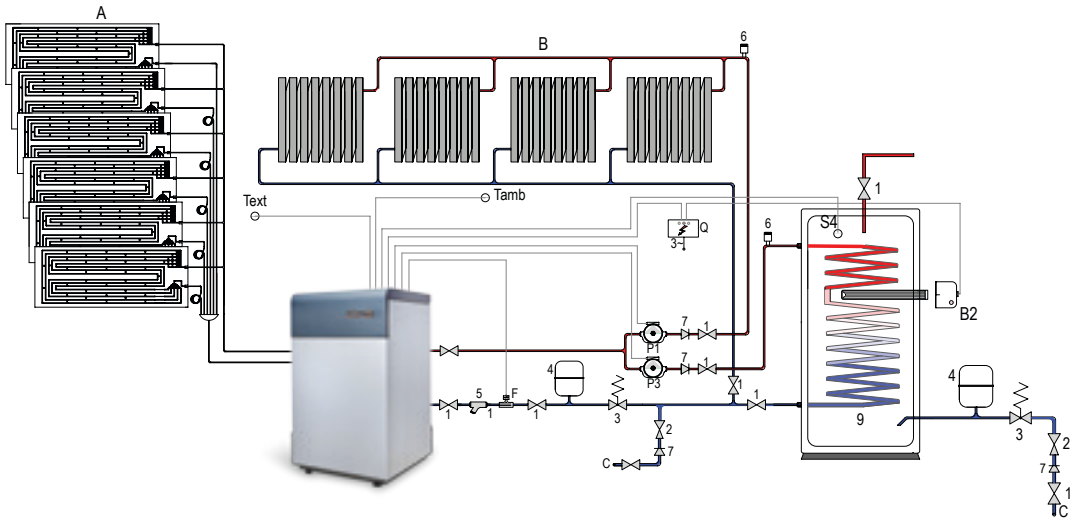
Thermodynamic Solar Solution for central heating

Equipment with 6 to 40 solar panels

CENTRAL HEATING

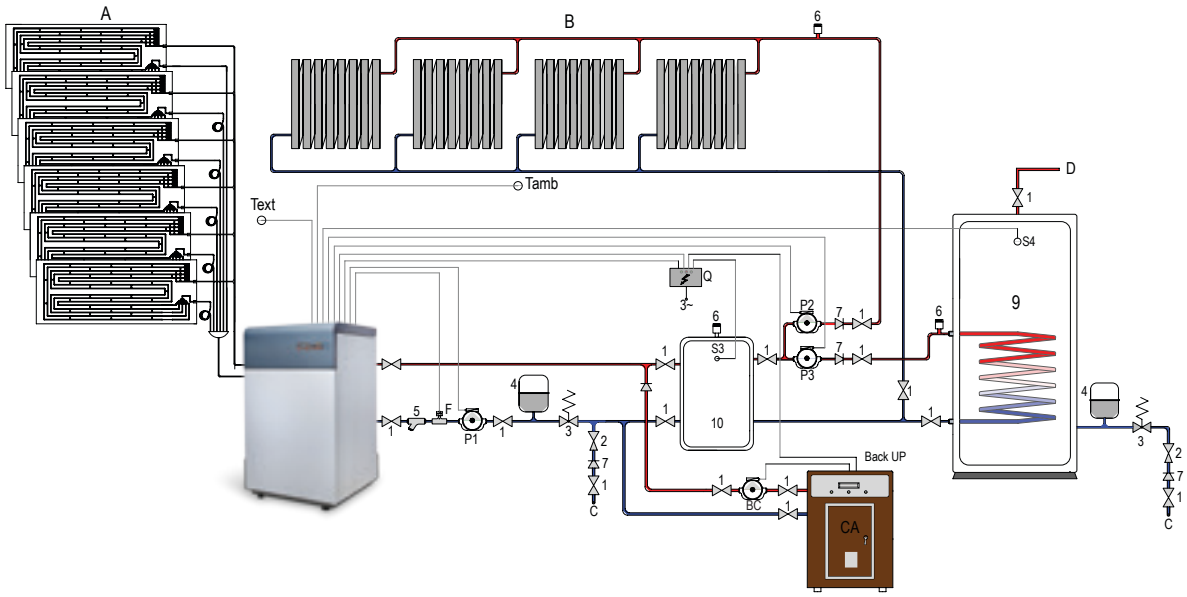
Central heating

Combined Solution (Central heating + Domestic Hot Water)



Central heating

Combined Solution with Backup (Central Heating + Domestic Hot Water with a backup boiler)



1	Shut-off Valve	7	Check Valve (non-return)	D	Hot Water Outlet	S4	Temperature Sensor S4
2	Pressure Reducer	9	Thermal Storage	F	Flow Switch	Tamb	Environment Thermostat
3	Security Valve	10	Buffer Tank	P1	Circulating Pump 1	Text	Outside Thermostat
4	Expansion Valve	A	Thermodynamic Solar Panels	P2	Circulating Pump 2	BC	Boiler Circulator Pump
5	Filter	B	Environment Heating	P3	Circulating Pump 3	B2	Resistance Kit (Support)
6	Drain Valve	C	Cold Water Inlet	S3	Temperature Sensor S3	Q	Control Box

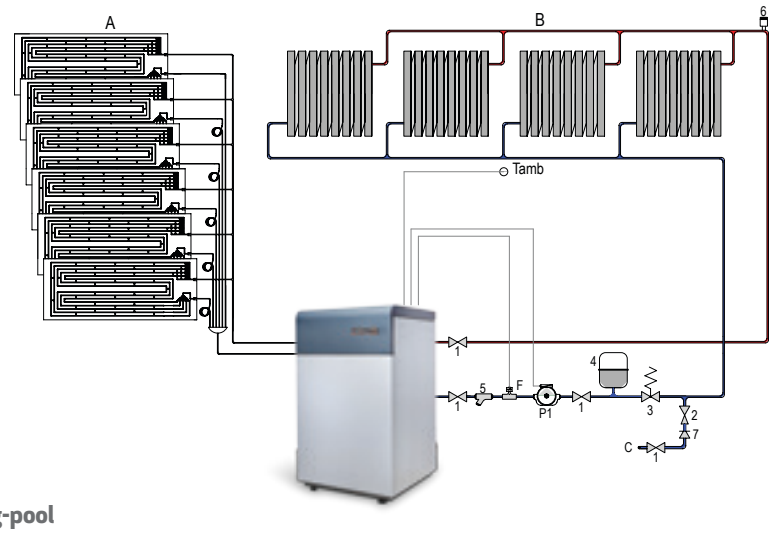
Choose your model

SOLAR BLOCK 88 PLUS 888 A

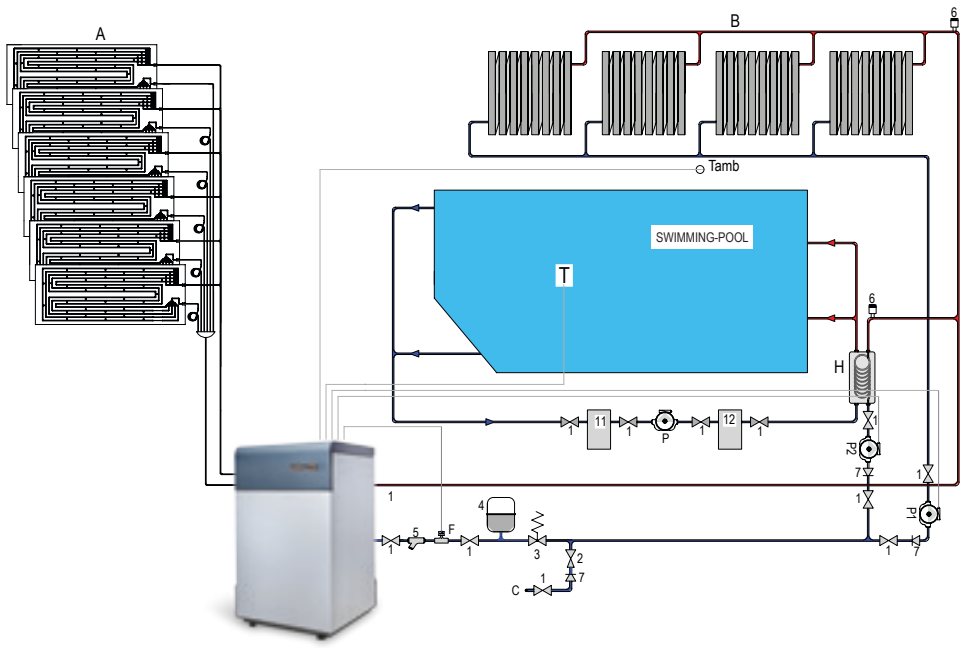
1 2 *3 *4 5

888 Represents the capacity of the equipment
88 Represents the number of panels

Central heating
Standard Installation



Central heating + Swimming-pool
Combined Installation



1 Shut-off Valve	6 Drain Valve	B Environment Heating	Tamb Environment Thermostat
2 Pressure Reducer	7 Check Valve (non-return)	C Cold Water Inlet	T Thermostat
3 Security Valve	11 Pre-filter	F Flow Switch	G Swimming-pool
4 Expansion Valve	12 Filter	P1 Circulating Pump 1	H Water/Water Titanium Heat Exchanger
5 Filter	A Thermodynamic Solar Panels	P2 Circulating Pump 2	

1 Model
Environment Heating Solar Block

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

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

*4 **DHW Cylinder capacity of the Combined Solution**
Capacities available are 200, 300 or 500 litres

5 **S** Single-Phase
T Three-Phase

* Only for the Combined Solution if applicable

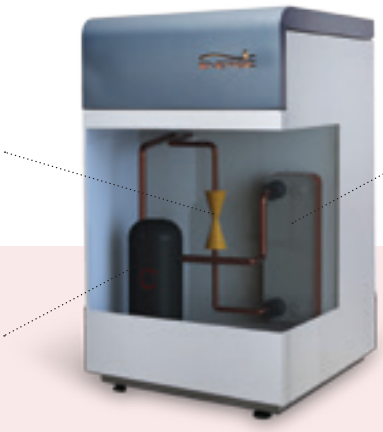
COMFORT, CONVENIENCE WITH **MAXIMUM ECONOMY**

WARRANTY 10 YEARS SOLAR PANEL

Check warranty conditions

- SUPER EFFICIENT ENVIRONMENT HEATING AT LOW TEMPERATURE
- 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
- ABSOLUTE GUARANTEE OF PRODUCTION OF HOT WATER FOR HEATING AT 55ºC DURING THE WINTER
- HIGHLY EFFICIENT SCROLL COMPRESSOR
- HIGH QUALITY STAINLESS STEEL PLATES EXCHANGER
- FREE OF DEFROST CYCLES
- SMALL DIMENSION INDOOR UNIT
- CENTRAL HEATING WITHOUT CHIMNEYS AND BURNT GASES, TOTALLY ENVIRONMENTALLY FRIENDLY
- WORKS WITH UNDERFLOOR HEATING, RADIATORS, CONVECTORS OR FAN COILS
- ELECTRONIC EXPANSION VALVE

MAXIMUM EFFICIENCY



Note Simplified representative diagram

Technical drawing of 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
Water Flow	m^3/h	0,7	1,0	1,5	3,0	5,0
Pressure Drop	kPa	3,0	9	7	11	36
Electrical Supply		1~/ 230V / 50 Hz ou 3~/ 400V / 50 Hz			3~/ 400V / 50 Hz	
Protection (M/T)*	A	16/6	25/10	2x16/16	20	25
Hydraulic Connections	Pol.	1	1	1	1	1
Block 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	Area to be heated*	Cylinder	Electrical Supply
Solar Block 6	6	90 m^2	-	230V ou 400V
Solar Block 12	12	150 m^2	-	230V ou 400V
Solar Block 16	16	220 m^2	-	230V ou 400V
Solar Block 28	28	300 m^2	-	400V
Solar Block 40	40	450 m^2	-	400V
Solar Block 6 Plus	6	90 m^2	200	230V ou 400V
Solar Block 12 Plus	12	150 m^2	300	230V ou 400V
Solar Block 16 Plus	16	220 m^2	300	230V ou 400V
Solar Block 28 Plus	28	300 m^2	500	400V
Solar Block 40 Plus	40	450 m^2	500	400V

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