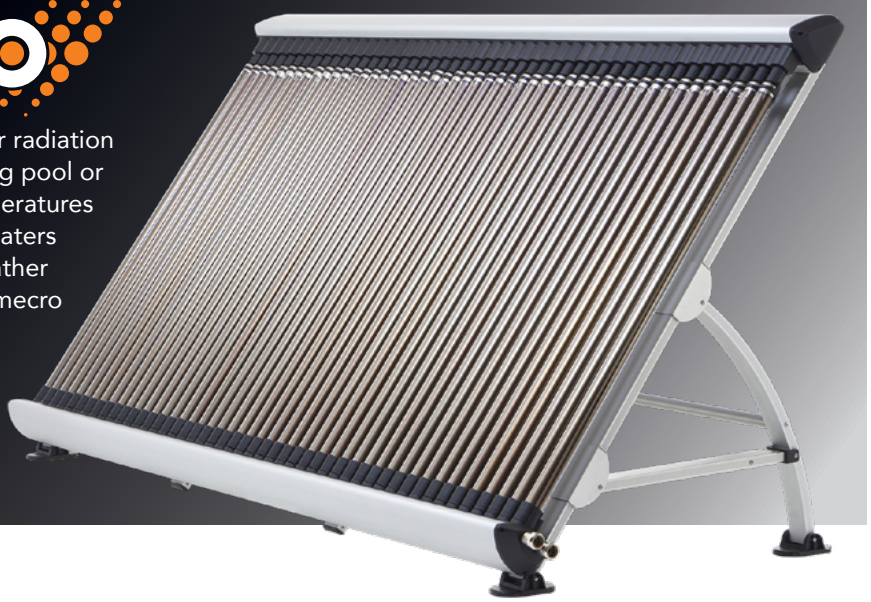
ELECRO ENGINEERING

Unit 3, G-Park, North Road, Stevenage,
Hertfordshire SG1 4GY
sales@elecro.co.uk | +44 (0) 1438 749474
www.elecro.co.uk

MADE IN BRITAIN

thermecro

Thermecro converts a staggering 92% of solar radiation that strikes it into hot water for your swimming pool or spa. Thermecro is not reliant on outside temperatures or direct sunlight so, unlike any other solar heaters on the market, it will work optimally in all weather conditions, temperatures and locations. Thermecro serves as a secondary heating device.



FEATURES

- Generates far more hot water per m² than any other solar heating system
- Significantly reduces energy consumption
- Achieves significantly higher temperatures than any other solar collector
- Works by collecting solar radiation, even with low sunlight
- Eco-Friendly, reducing carbon footprint
- Perfectly insulated so delivers hot water to your pool or spa with virtually zero losses
- Uses no external power to generate hot water, so offers financial savings from the first day of installation
- Easy installation. Using the supplied installation kit, Thermecro can simply be plumbed into any existing pool or spa filtration circuit. No auxiliary pump or heat exchanger required
- Sea and salt chlorinated water compatible
- Can be installed on the floor, wall or roof

MODELS

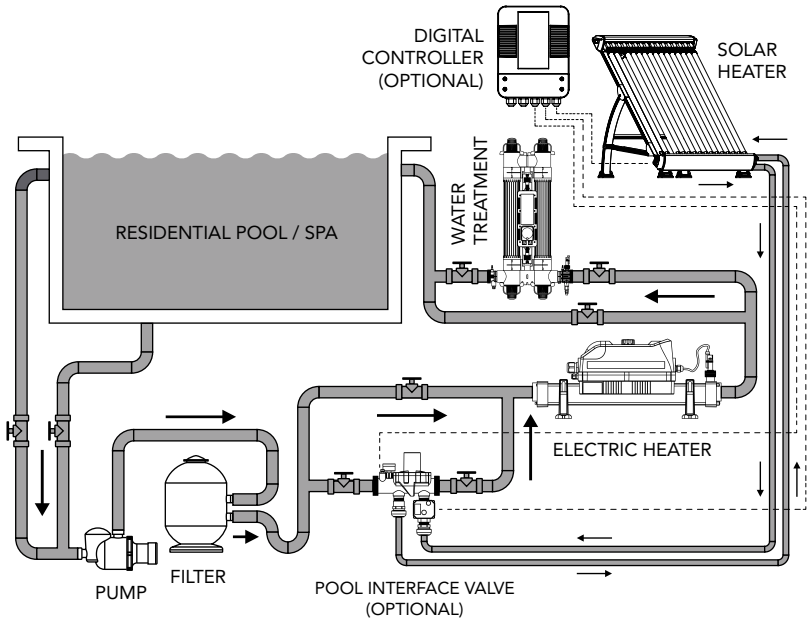
DESCRIPTION	MAX. POOL VOLUME (m^3)	POWER OUTPUT (kW)	WIDTH (mm)	NET WEIGHT (kg)	WATER MASS (kg)	GROSS WEIGHT (kg)	VOLUME (m^3)	PRODUCT CODE
16 Tube Array only	10	1.5	1128	47.00	+2.36	52.00	1.81	SR-AO-16
32 Tube Array only	20	3	2148	97.00	+4.72	108.00	2.43	SR-AO-32
48 Tube Array only	30	4.5	3180	137.00	+7.08	148.00	4.25	SR-AO-48
16 Tube Complete system	10	1.5	1128	70.00	+2.36	78.00	1.88	SRC-16
32 Tube Complete system	20	3	2148	124.00	+4.72	134.00	2.50	SRC-32
48 Tube Complete system	30	4.5	3180	160.00	+7.08	174.00	4.32	SRC-48

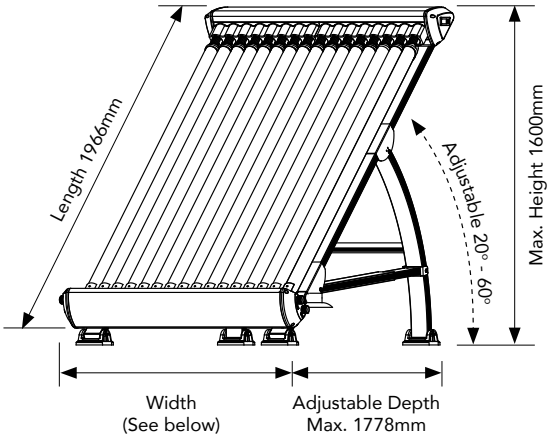
ACCESSORIES (Array only)

DESCRIPTION	NET WEIGHT (kg)	GROSS WEIGHT (kg)	VOLUME (m^3)	PRODUCT CODE
Solar rig adjustment leg kit*	20.00	22.00	0.041	SR-ALK
Digital solar controller*	1.10	1.60	0.013	SR-DC
PEX pipe plumbing fittings*	2.30	2.49	0.003	SR-PEX-FO
Pool filtration pipework interface valve*	1.80	2.32	0.013	SR-PIV

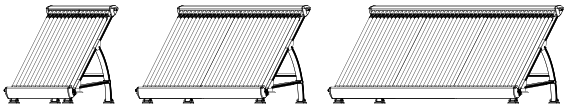
* Included in the complete system with codes SRC-16, SRC-32 and SRC-48

SYSTEM SETUP





AVAILABLE IN THREE SIZES
(Connectable for larger pools)



16 Tube (1128mm) 32 Tube (2148mm) 48 Tube (3180mm)

SPECIFICATIONS

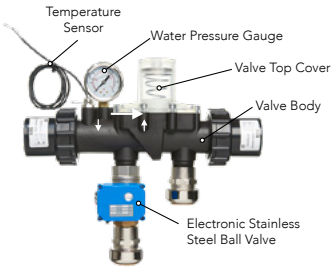
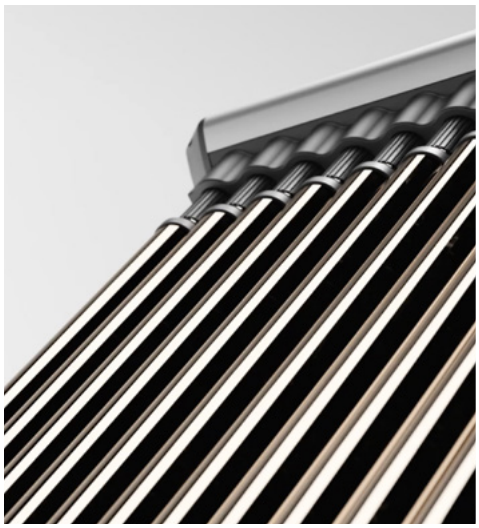
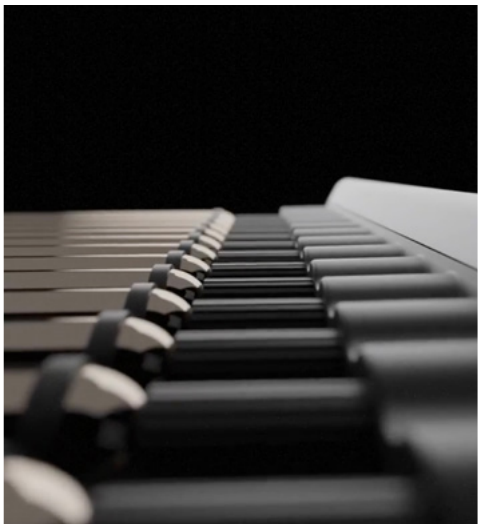
Evacuated radiation collector tubes: Borosilicate 3.3 (Pyrex) 1500mm x 58mm
Frame material: Anodised aluminium 3mm wall sections
Water connection: 1" BSP male thread (x2 Pairs)
Temperature sensor: Pool Interface: 1 metre long NTC; thermistor 103AT-2, R25=10K B=3435K
Evacuated tube: 1.5 metres long; High temperature NTC; Thermistor G560

OPTIONAL ACCESSORIES

SOLAR CONTROLLER AND POOL INTERFACE VALVE*

Control power supply: 220-240V Single phase
Ingress protection rating: IP44
Frequency: 50/60 Hz
Mounting: Wall mounting

* Included in the complete system with codes SRC-16, SRC-32 and SRC-48

Digital Solar Controller

Pool filtration pipework Interface valve