

Heat Basic heat pump

Heat Perfector

Electrical Heaters

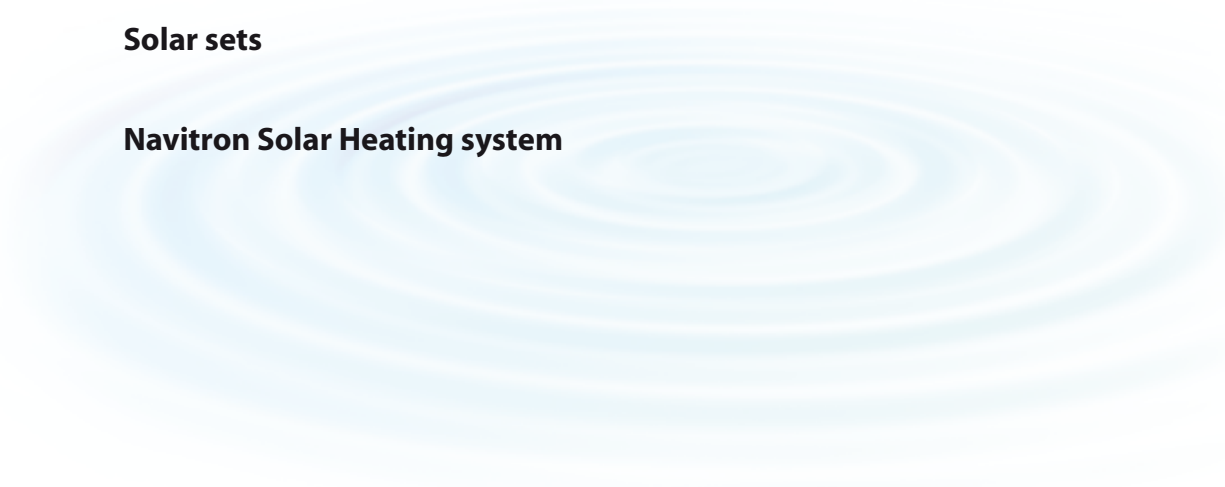
Electrical Stainless Steel Heaters

Bowman Heat Exchangers

Solar Panels Elios

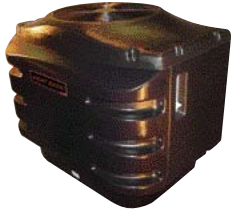
Solar sets

Navitron Solar Heating system





HEAT BASIC HEAT PUMP



The Heat Basic is a heat pump designed specially for pool heating. The Heat Basic extracts heat from the air and transfers it efficiently to the pool water. The Heat Basic moves the free heat from the outside air to the pool water, rather than create heat, as a fossil fuel or electric resistance heater does. That's why the Heat Basic can heat your pool for up to 80% less to operate than these other less efficient methods.

At the beginning of the swimming season or if temperatures remain rather cold for several months, the Heat Basic is specially designed to let it run up to 24 hours per day.

We recommend using a pool cover at night and when the pool is not in use. This will reduce the overall pool heating costs considerably.

Key benefits of the Heat Basic

- Powerful heat transfer resulting in a high temperature differential between the water entering and the water leaving the heat exchanger
- Quiet operation (compared with other heat pumps)
- Vertically mounted fan for a better evacuation of the refrigerated air
- Easy electro-mechanical temperature control. The pool will be heated until the desired temperature has been reached. Afterwards the integrated thermostat will keep the pool water temperature within 1°C.
- Heat exchanger made of titanium for an excellent heat transfer to the pool water. Full protection against corrosion.
- Housed in a weather proof cabinet made of ABS.

Reference	Description	Euro
3052011051	Heat Basic	2808

TECHNICAL SPECIFICATIONS

Power output:	10 kW (35 000 BTU)
Power consumption:	2 kW
Refrigerant:	R407C
Heat exchanger:	Titanium
Temperature scale:	min - max.
Cabinet:	ABS
Minimum environmental temperature:	5°C
Flow (l/min):	50 - 200
Water connections:	1 1/2 / 50 mm
Installation:	outdoors
Frost stat:	fitted as standard
Power supply:	230 V - 50Hz - 1 phase
Running Amps:	9,5
Breaker (Amps):	20
Electric wire size mm ² :	4 (12)
Colour:	black
Net weight kg:	75
Dimensions (W, L, H) cm:	61 x 69 x 89

Warranty: 1 year full component, 3 year full compressor, 10 year full heat exchanger

HEAT PERFECTOR

The Heat Perfector heat pumps use ambient air temperatures to heat at a lower cost and are 500% more efficient than conventional electric heaters.

FEATURES

- **Solid State Control:** accurately monitors your pool's water temperature, saves energy.
- **Exclusive Solid State Temperature Control Display**
Just set the perfect temperature and Heat Perfector does the rest automatically.
- **Internal Valving :** automatically compensates for normal day-to-day changes in your pool's hydraulics.
- **Exclusive Refrigerant Receiver Tank :** allows larger refrigerant charge, provides more efficient heating at lower air temperatures without additional compressor stress.
- **Fully compatible** with the latest pool control systems.
- **Power Defrost,** a % heated gas is diverted into the evaporator to melt the frost of the evaporator.

HOW A HEAT PUMP WORKS

A heat pump extracts energy from the surrounding air and transfers it into heat, which is used to warm the pool water through a heat exchanger. It works on the same principle as a refrigerator or air conditioning but in reverse. The heat pump extracts heat from the air and uses it, expelling air that is about 5 degrees cooler than the surrounding environment.

The heat pump consists of a compressor incorporating refrigerant, a heat exchanger, a condenser and a ventilator.

KEY BENEFITS OF THE HEAT PERFECTOR

- The use of a top fan leads to greater efficiency in operation than competitive side mounted models.
- The scroll compressor is much quieter in operation than conventional compressors, so the unit is not intrusive when operating.
- The use of titanium for the heat exchanger leads to efficient heat transfer without any dangers of corrosion.
- The unit is housed in a galvanised steel enclosure making it ideal for operation in wet and humid conditions.
- The Heat Perfector is built for high efficiency, utilising a large case design for improved heat transfer.



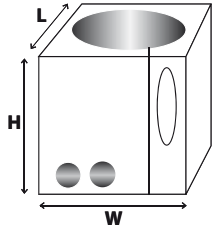
Model 1-2-3-4



Model 5-6-7-8-9

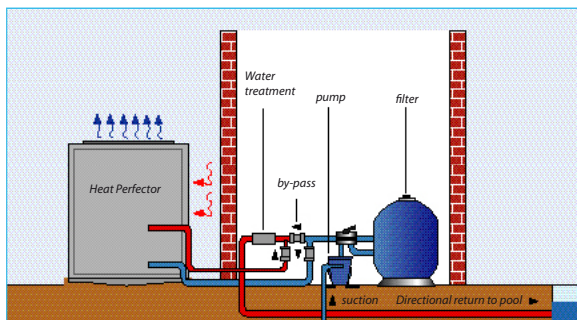


TECHNICAL SPECIFICATIONS



Compressor:	rotating SCROLL
Refrigerant:	R407C
Heat Transfer coefficient:	5-6
Temperature scale:	° Celcius
Housing:	Coated galvanized steel
Minimum environmental temperature:	5-8°C
Installation:	outdoors
Frost stat:	fitted as standard from 20 kW
Warranty:	1 year on compressor and labour 2 years on components 5 years on cabinet

	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7	Model 8	Model 9
Power transformed into heat (80% air, 80% water, 80% humidity)	14kW	20kW	20kW	20kW	32kW	32kW	32kW	37,5kW	37,5kW
Performance coefficient	3,5	5,1	5,1	5,1	5,4	5,4	5,4	6,2	6,3
Phase	Mono	Mono	Tri - 380	Tri - 220	Mono	Tri - 380	Tri - 220	Tri - 380	Tri - 220
Power Consumption kW	3,90 kW	3,92 kW	3,92 kW	3,92 kW	5,86 kW	5,86 kW	5,86 kW	5,96 kW	5,86 kW
Breaker Amps, Type	20-D	30-D	20-D	20-D	30-D	30-D	20-D	30-D	25-D
Cable size mm ² max 5m distance	4	4	4	4	6	4	6	6	6
Flow l/m	30-230	30-230	30-230	30-230	30-230	30-230	30-230	30-230	30-230
By Pass Valve	yes	yes	yes	yes	yes	yes	yes	yes	yes
Hartford connection	yes	yes	yes	yes	yes	yes	yes	yes	yes
Hydraulic connection	2"-63mm	2"-63mm	2"-63mm	2"-63mm	2"-63mm	2"-63mm	2"-63mm	2"-63mm	2"-63mm
Colour	green	green	green	green	green	green	green	green	green
Sound level	48	48	48	48	48	48	48	48	48
Weight net kg	90	100	100	100	107	107	107	122	122
Dimensions (h, w, l)	89/59/89	97/59/89	97/59/89	97/59/89	97/89/89	97/89/89	97/89/89	106/89/89	106/89/89



Heat Perceptor is equipped with a heat exchanger in twisted titanium:

- the water heats up faster
- less energy is required

Reference	Description	Euro
3052014633	Model 1 – 14 kW Mono	3882
3052016298	Model 2 – 20 kW Mono	4537
3052016299	Model 3 – 20 kW Tri-Phase 380 V	4636
3052015139	Model 4 – 20 kW Tri-Phase 220 V	4636
3052016301	Model 5 – 32 kW Mono	4948
3052016302	Model 6 – 32 kW Tri-Phase 380 V	5047
3052015138	Model 7 – 32 kW Tri-Phase 220 V	5047
3052016303	Model 8 – 37,5 kW Tri-Phase 380 V	5569
3052010533	Model 9 – 37,5 kW Tri-Phase 220 V	5569

**ELECTRICAL HEATERS**

Reference	Description	Euro
3027012582	Electric heater 3 kW Titan mono, for above ground pools	538
3027022584	Electric heater 4 kW, st. steel body tri, heat element Incoloy 800	435
3027022586	Electric heater 6 kW, st. steel body tri, heat element Incoloy 800	435
3027022587	Electric heater 9 kW, st. steel body tri, heat element Incoloy 800	447
3027022588	Electric heater 12 kW, st. steel body tri, heat element Incoloy 800	452
3027022589	Electric heater 15 kW, st. steel body tri, heat element Incoloy 800	462

ELECTRIC HEATERS PAHLEN**Electric heater 3,0 - 18,0 kW**

Pahlen electric heaters 3,0-18,0 kW made of plastic are designed for a continuous flow with the lowest possible pressure loss. The compact design enables installation where there is little space. The outer jacket and the junction box are made of plastic and the heating element is made of Incoloy 825. The heater is supplied with union couplings for adhesive bonding of diam. 50 mm pipes. All heaters are equipped with thermostat 0-45°C, overheating limit control 60°C and flow switch.

Reference	Item no.	kW	Amp 1-phase 230V	Amp 3-phase 400V	Euro
3074018929	141600	3,0	8	5	259
3074018930	141601	6,0	15	9	265
3074018931	141602	9,0	23	14	273
3074018932	141603	12,0	31	18	284
3074018933	141604	15,0	38	22	289
3074018934	141605	18,0	46	27	297

**Electric heater 3,0 - 15,0 kW Aqua HL line**

Pahlen have developed a new series of electric heaters with digital control, where the desired pool temperature can easily be set and the current pool temperature is shown in a LED display. In addition to an overheating protection and a flow switch, the heater has a built-in contactor, that simplifies the connection of the heater.

The heating element is made of Incoloy 825 or titanium and the casing of the heater is made of glass-fibre-reinforced polypropylene. The electric heaters are supplied with union couplings for bonding to diam. 50 mm pipes.

Reference	Item no.	kW	Amp 1-phase 230V	Amp 3-phase 400V	Euro
3074028935	141800	3,0	8	5	623
3074028936	141801	6,0	15	9	632
3074028937	141802	9,0	23	14	641
3074028938	141803	12,0	-	18	664
3074028939	141804	15,0	-	22	673





BOWMAN HEAT EXCHANGERS

Bowman Heat Exchangers have cupro-nickel tubes to withstand the aggressiveness of sea or chlorine swimming pool water.

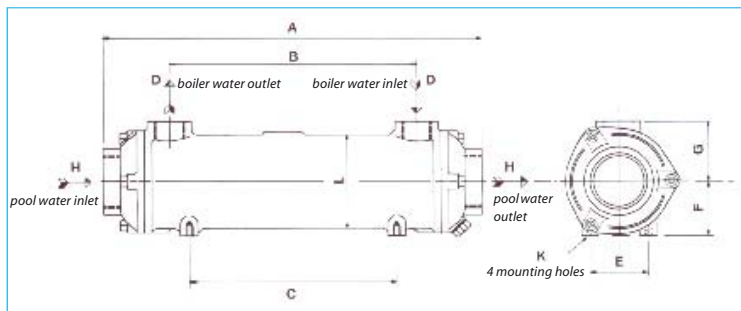


Bowman Cupro Nickel Heat Exchangers can be used instead of titanium Heat Exchangers.

The Heat Exchangers provide a simple method of heating swimming pool water indirectly from a central heating boiler. They should be installed downstream of the pumping and the filtration equipment. The boiler water must be pump assisted and the usual precautions must be taken to prevent air locks. This pump should be controlled by a thermostat in the pool water pipe before the heat exchanger and set at the required pool temperature.

Reference	Type	Pool capacity (m ³ /h)	Boiler water flow (m ³ /h)	Heat transfer		Pool water flow	Euro
				kW	BTU/h		
3055016319	4111-2	14	0,42	9	30 000	1,72	292
		23	0,72	15	50 000	2,90	
3055016320	3705-3	23	0,72	15	50 000	2,90	400
		46	1,44	29	100 000	5,64	
		68	2,16	44	150 000	8,52	
		91	2,88	59	200 000	11,40	
3055016321	3706-2	114	3,60	73	250 000	14,16	658
		137	4,20	88	300 000	17,00	
3055016323	3707-2	182	5,70	117	400 000	22,80	944
		228	7,20	146	500 000	28,44	
3055016324	3708-2	319	9,90	205	700 000	39,60	1798
3055016325	3709-3	410	12,60	263	900 000	51,00	3395
		500	15,60	325	1 100 000	62,40	
3055016326	3711-3	683	21,60	438	1 500 000	85,20	7415
		910	28,50	585	2 000 000	114,00	
3055016327	3710-3	1138	35,40	730	2 500 000	142,00	8476

Typical performances with a pool water temperature of 30°C based on a boiler water inlet temperature of 82°C and a temperature rise of 0,5°C per hour.



Maximum working pressure: 6 bar
 Maximum working temperature: 100°C
 Horizontal or vertical mounting
 PH requirements: 7,4 - 7,6

Type	kg	A mm	B mm	C mm	D BSP	E mm	F mm	G mm	H BSP	K mm	L mm
4495-3	1,3	286	178	-	G 1/2"	-	28	40	G 1 1/2"	-	51
4496-2	5	346	226	190	G3/4"	52	50	55	G 1 1/2"	M6	86
4497-2	9	358	202	190	G1"	76	63	67	G 2"	M8	108
4495-3	16	472	294	190	G 1 1/4"	76	70	80	G 2 1/2"	M8	128
4496-2	26	502	272	108	G 1 1/2"	120	90	100	G3"	M10	162
4497-2	44	674	370	236	G2"	120	110	120	100mm	M12	198
4496-2	65	724	340	236	80mm	150	130	140	125mm	M16	232
4497-2	102	754	330	236	100mm	180	155	170	150mm	M16	278



Bowman Heat Exchanger 5113 Series

Reference	Description	Euro
3055011474	Bowman heat exchanger 5113 series - 50 mm	459



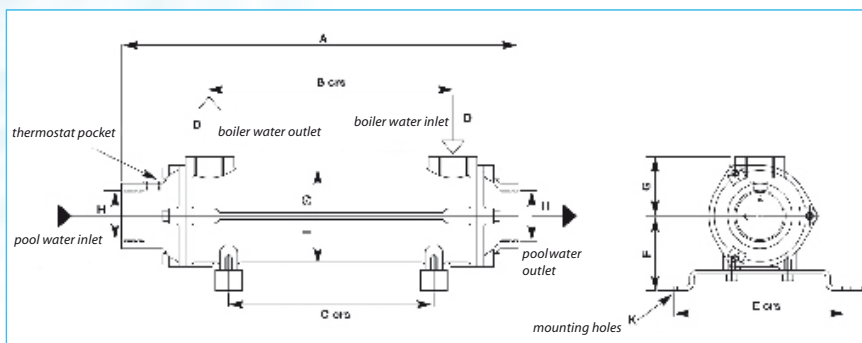
Bowman Heat Exchanger with thermostatic pocket

Reference	Type	Pool capacity (m ³ /h)	Boiler water flow (m ³ /h)	Heat transfer		Pool water flow	Euro
				kW	BTU/h		
3055016328	4495-3	23	0,72	15	50 000	2,90	440
		46	1,44	29	100 000	5,64	
		68	2,16	44	150 000	8,52	
		91	2,88	59	200 000	11,40	
3055016329	4496-2	114	3,60	73	250 000	14,16	729
		137	4,20	88	300 000	17,00	
3055016330	4497-2	182	5,70	117	400 000	22,80	1021
		228	7,20	146	500 000	28,44	

Typical performances with a pool water temperature of 30°C based on a boiler water inlet temperature of 82°C and a temperature rise of 0,5°C per hour.



Bowman Cupro Nickel Heat Exchanger with Thermostat Pocket. Supplied with mounting feet. N.B. Thermostat not provided



Type	kg	A	B	C	D	E	F	G	H	K	L
		mm	mm	mm	BSP	mm	mm	mm	BSP	mm	mm
4495-3	5	363	226	190	G 3/4"	160	69	55	G 1 1/2"	7	86
4496-2	9	358	202	190	G 1"	160	82	67	G 2"	7	108
4497-2	16	472	294	190	G 1 1/4"	160	89	80	G 2 1/2"	7	128

Thermostat

LAE Thermostat wall-mounted digital thermostat, range - 50 to 150°C programmable, 230 VAC, Input 5 amp, 240 VAC Output.

Reference	Item	Code	Euro
3078000601	LAE Thermostat	MTR4T1RE	120
3078000602	LAE 2 m probe	ST1K20P1	6,90





SOLAR HEATING SYSTEMS



A conscious choice, a financially and ecologically wise decision.

- Solar collectors supply free energy
- During the swimming season there is enough solar energy available
- The investment repays itself in the short term by saving on energy costs
- The swimming pool can be used more often because the season lasts much longer
- The swimming pool becomes more attractive by virtue of the higher water temperature
- A durable, clean and environmentally safe source of energy!

Solar panels ELIOS

EPDM = synthetical rubber

- | | |
|--|--------------------------|
| • frost resistant | • heat resistant |
| • resistant to chemicals | • extreme long life span |
| • easy to install | • can be walked across |
| • high heat efficiency through the thin channels | • a ten year guarantee |

Solar panels increase the water temperature of a swimming pool by an average of 5°C. This is your guarantee for more fun and a longer-lasting season.

Solar collectors are perfectly easy to install

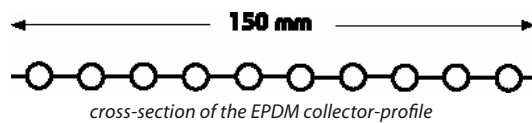
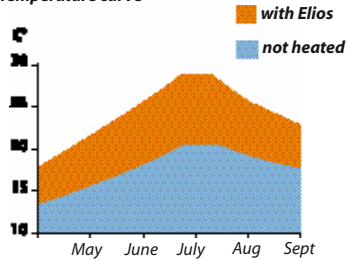
Solar energy is founded on a simple principle that virtually never fails. When there is sufficient sunlight, the swimming pool water is pumped through the collectors and returns heated to the pool. The collectors have an uncomplicated construction and are available nearly all sizes. If necessary, the collectors can even be cut to size on site.

Each EPDM strip contains 10 small channels which are pressed onto the collecting pipes. The only thing that still needs to be done on site is connecting the collecting pipes together. Connecting and disconnecting are very easy thanks to the integrated rapid-action couplings with O-ring.

Different installation procedures:

The ideal position is at an angle of 30° in relation to the horizontal and pointed south. The panels can also be placed horizontally on the floor or on a flat roof. Mounting on different grounds is possible as well and just as easy and is realised by sticking on the EPDM strips. The roof does not have to be drilled through.

Temperature curve



**A possible installation:**

ELIOS solar collectors can easily be connected to an existing installation. The regulator measures the temperature at the outlet of the collector and compares the obtained value with the water temperature. As soon as the temperature of the collector exceeds the water temperature of the swimming pool by a few degrees (adjustable), the system is activated.

The electric three- or two-way valve is controlled by the regulator and diverts the water flow. The water either flows back to the swimming pool or passes first through the collector and then flows, heated up, back in the swimming pool.

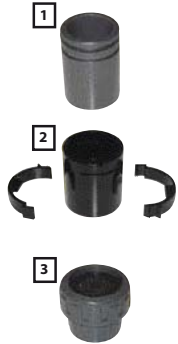
Solar collectors: complete kit for both existing and new installations**The kit consists of:**

- m^2 solar collectors (height and length to be confirmed)
- control panel: in order to heat the water, the pump of the pool is activated by the settings of the desired temperature and registration of the water temperature
- electrical 3-way valve 50 mm
- connection kit collectors

KIT 1	with 15 m^2 solar collectors	2 000 euro
KIT 2	with 20 m^2 solar collectors	2 385 euro
KIT 3	with 25 m^2 solar collectors	2 770 euro
KIT 4	with 30 m^2 solar collectors	3 155 euro
KIT 5	with 35 m^2 solar collectors	3 540 euro
KIT 6	with 40 m^2 solar collectors	3 925 euro

Fastening systems are available for each kit according to the type of roof or platform onto which the collectors are to be placed.

	For roof tiles, slates or equivalent		For metal roofs, corrugated iron or flat roofs	
	Alu fastening strip 3009010505	Silicone 3009012268	Clips 3006201491	Silicone 3009012268
	qty	qty	qty	qty
KIT 1	4	3	6	3
KIT 2	6	5	8	5
KIT 3	6	6	8	6
KIT 4	8	7	10	7
KIT 5	8	8	10	8
KIT 6	10	9	12	9



Reference	Description	Euro
3009013367	Solar Collector type 1-1	68,95
1 3009012256	Male connector with o-ring	6,36
2 3009012257	Female connector (with clip)	14,59
3009010501	Male connector to 6/4 (for UK)	6,36
3009010502	Female connector to 6/4 (for UK)	14,59
3 3009012258	Aeration valve, 50 mm	45,61
3009012259	Drain plug, 50 mm, PVC, gray	4,51
3009012260	Connection kit composed of: • 2 x male connector • 2 x female connector (with clip) • 1 x aeration valve • 1 x drain plug	50,87
3009012261	Tube 50 mm, PVC, UV-resistant - order per 5 m (price per m)	7,69
3009012262	Socket 50 mm, PVC, UV-resistant	2,49
3009012263	Elbow 90°, 50 mm, PVC, UV-resistant	3,45
3009012264	Elbow 45°, 50 mm, PVC, UV-resistant	3,45
3009012265	Tee, 50 mm, PVC, UV-resistant	6,74
3009012266	End cap, 50 mm, PVC, UV-resistant	6,90
3009012267	Pipe clamp 47 - 51 mm, polypropylene black, UV-resistant	2,49
3009012268	Silicone-gluе black 290 ml (for approx. 4m ²)	23,87
4 3064004722	Electronical regulator Solax with 2 sensors	249
3064004724	Digisol III - Digital regulator with 2 sensors	347
3064004726	Combisol III - Regulator solar with extra heating	480
3009012272	Adaptor piece for pool sensor: 50 mm - 1/2" - PVC	8,27
3009017650	Sensor Seat 1/2" - standard brass	42,43
3009012273	Extra sensor for digisol (to display a 3rd temperature)	57,02
3009010504	Cable strap, black, 100 piece	13,26
3009010505	Fixing strip in aluminium for header pipe, length: 1,66 m	48,27
3009012279	Silicone-gun, manual	127
5 3026020562	Electrical 2-way valve S5 - 50 mm	385
3026020563	Electrical 2-way valve S5 - 63 mm	398
3026020564	Electrical 3-way valve - Solar type 50 mm	435
3026020565	Electrical 3-way valve S4 - Solar type 63 mm	-

SOLAR SETS

Solar Set SC01

Reference	Description	Euro
1 3026022568	Complete solar kit with 2-way valve S5 50 mm	761
3026022570	Complete solar kit with 2-way valve S5 63 mm	737
2 3026022571	Complete solar kit with 3-way valve S4 50 mm	1131

Delivery complete cabled, packed in sales-carton, suitable for putting directly into the outlet.

Solar Set SC02

Control panel for collectors (absorbers), with a settable temperature difference.

Reference	Description	Euro
3 3026022573	Solar Control SC02	491

NAVITRON SOLAR HEATING SYSTEMS

Evacuated tube system

The evacuated tube solar systems have been around for 20 years, and have proven to be reliable and dependable. The vacuum tubes consist of a tough wall glass tube with a space in the centre which contains the heat pipe. The sun's radiation is absorbed by the coating on the inner glass surface, but prevented from re-radiating by the silvered innermost lining. This is in effect like a one way mirror that has been optimized for infra-red radiation. In fact it is very efficient, 93% of the sunlight energy hitting the tube's surface is absorbed. The presence of the vacuum wall prevents any loss – just like a thermos flask. Because of this, the system will work even in low temperatures. This is why our system can be used to heat up water even at the South Pole Antarctic Science Base – where ambient air temperature can drop to -40°C.

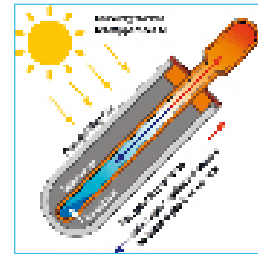
The heat transferred to the tip of the heat pipe is in turn transferred to a copper manifold in which water circulates that runs through your Pool Heat exchanger. If a tube is placed in a summer day, the temperature can reach 250°C – so even on cold winter days, the system is capable of providing heat for domestic hot water.

Design :

The collectors are suitable for applications where aesthetics and efficiency are important. They allow easy installation and are suitable for single or modular large scale units.

Assets :

Long service life – Elegant aesthetical design - Integration into buildings – Improved power conversion at a low solar irradiation level – High performance, reliable, glass evacuated tubes – Use of non-toxic heat transfer compound – Low start up °C – Freestanding mounting frame also available – Collector insulated – Space saving – Unequaled performance – Works on cloudy days – And very important, 100% renewable energy that saves you a lot of money.



How much heat will I gain ?

Average daily Irradiation figures for each month of the year (at UK latitudes)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
kWh/day/m ²	0,64	1,17	1,94	3,22	4,17	5	4,44	3,61	2,78	1,67	0,78	0,47
Heat gain 1,10x47mm panel												
Per day / kWh	1,15	2,11	3,94	5,8	7,51	9	7,99	6,5	5	3,01	1,41	0,85

3 kWh is equivalent to boiling your kettle over one hour or heating 65 litres of water at 40°C

Vacuum tube characteristics

	47 mm Tube	58 mm Tube
Length	1500 mm	1800 mm
Outer tube diameter	47 mm	58 mm
Inner tube diameter	37 mm	48 mm
Weight	1,3 kg	1,7 kg
Glass thickness	1,6 mm	1,6 mm
Material selective absorption	Borosilicate Glass 3.3	
Coating	Graded A1/N/A1	
Vacuum (pressure)	P<5*10 ⁻³ Pa	
Thermal expansion coefficient	3,3*10 ⁻⁶ /°C	
Stagnation °C	>200°C	
Absorption efficiency	>93%	
Re-emission	<7%	
Heat loss	<0,8W/(m ² °C)	
Maximum strength	0,8Mpa	
Temperature resistance	-35°C	
Hailstone resistance	Diameter 25 mm	



Available Panels

There are 2 sizes of panels – one utilizes the standard 47mm tubes, the other uses the longer, wider 58mm tubes. For a given number of tubes, the 58mm panels will produce 50% more heat, but as they cost 50% more, the overall cost is the same. Each different panel kit is complete and ready to assemble.

To these panel kits must be added the different installation elements, connections, pipe work, pump station, Controller, expansion vessel, operating accessories and heat exchanger to install your Solar Pool Heating system. Complete system very easy to install, will bring heat in your pool for many years.

Panels

Reference	Description	Tube Length	Dim./m (H-L)	m ²	Average (kW/day)	Euro
3055015707	20 tube 47 mm panel	1,5 m	1,7x1,32	2,25	MTR4T1RE	707
3055015708	30 tube 47 mm panel	1,5 m	1,7x1,99	3,38	ST1K20P1	1036
3055015709	20 tube 58 mm panel	1,8 m	2x1,70	3,38		936
3055015710	30 tube 58 mm panel	1,8 m	2x2,54	5,07		1013

Mounting accessories

Reference	Description	Euro
3055015711	Roof mounting kit for 20 tube panel	22,09
3055015712	Roof mounting kit for 30 tube panel	31,23
3055015713	Flat roof frame 20 x 47mm tube panel	46,44
3055015714	Flat roof frame 30 x 47mm tube panel	70,29
3055015715	Flat roof frame 20 x 58mm tube panel	54,69
3055015716	Flat roof frame 30 x 58mm tube panel	82,06
3055015717	Flowbox 7000, with TDC3 (complete pumping station and system controller)	726
3055015718	Pressurised system kit (expansion vessel, pressure gauge, pressure relief valve, filling loop, double check valve)	214
3055015719	Duofit adapter Duoflex to 22mm pipe on panel	11,85
3055015720	Solar anti-freeze 5 litres	76,44

Pre-insulated Duoflex + cable for sensor connection

Reference	Description	Euro
3055015721	Duoflex 2 x 16mm - 10mtr	451
3055015722	Duoflex 2 x 16mm - 25mtr	1127

Heat Exchanger for Solar Heating Systems

Reference	Type	m ³	m ³ boiler	kW	Euro
3055016586	4805-05	90	2,88	33-68	607
3055016587	4806-05	114	3,6	50-100	1207
3055016585	4807-05	150	5,70	86-175	1802



Complete Evacuated Tube Solar Systems ready to install

Depending on the surface of your pool and the distance between the installation and the pool, we can calculate complete systems.

With an average distance of 10m between the solar panels and the heat exchanger and according to the pool surface it is possible to calculate standard ready to install kits.

Every ready to install kit contains :

- Adequate panels
- Flowbox with TDC3
- Pressurised system kit
- Adequate duofit adapters – between panels and/or panels and duoflex
- Solar anti freeze

Reference	Description	Euro
-	Navitron Pool Kit 20m ² - with two 20 x 47mm panels	-
-	Navitron Pool Kit 30m ² - with two 20 x 58mm panels	-
-	Navitron Pool Kit 40m ² - with three 20 x 58mm panels	-

Ask for your detailed offer to the sales people who will be proud to calculate the right installation you need, depending on the surface of the Pool and the distance between Solar Panel and heat exchanger.

