



KAIKANGPOOL

PRODUCT CATALOG

- *Swimming Pool*
- *Aquaculture*
- *SPA Products*
- *Steam*
- *Sauna*

KAIKANGPOOL

One stop pool equipment supplier

Guangzhou KAIKANG Building Material Co., Ltd.
Guangzhou BaiLiHua Pool Sauna Co., Ltd.
<http://kaikangpool.com/>

A person is swimming underwater in a pool, creating a large splash of water. The water is blue and the person is wearing dark swim trunks. The background shows the pool's surface with ripples and a lane line.

HEATING EQUIPMENT

Corrosion resistant stainless steel

KAIKANG heat exchanger and heat pumps ensure that your pool and spa can be used at any time.

The right choice of heater will maximize the utilization of your pool by increasing the water temperature, improving bathers' comfort, and extending the swimming season.

Have fun any time

mini Heater



中国CCC认证



CE欧盟认证

Id al solution for Intex or spas.
eA good hand for small pools.

XP Series

Functions:

The minimum net weight is only 18kg, mini and portable,
easy to place

Suitable for 0-18m³ household swimming pools,
bathhouses

Inflatable swimming pool, scaffolding pool, and SPA spa
pool usage.

Technical Specifications

MODEL		XP025 mini	XP045 mini
POOL SIZE	m ³	2-5	4-8
ENVIRONMENTAL TEMPERATURE 28 ° C/WATER TEMPERATURE 28 ° C/RELATIVE HUMIDITY 80%			
THERMAL ENERGY	KW	2.5	4.2
POWER/HORSEPOWER	KW	0.59	1.0
THERMAL ENERGY		4.2	4.2
ENVIRONMENTAL TEMPERATURE 28 ° C/WATER TEMPERATURE 28 ° C/RELATIVE HUMIDITY 80%			
THERMAL ENERGY	KW	1.9	3.2
POWER/HORSEPOWER	KW	0.56	0.91
THERMAL ENERGY		3.4	3.5
COMPRESSOR TYPE			
VOLTAGE	V	220~240V/50Hz/1PH	
CURRENT	A	2.6	4.4
MINIMUM FUSE	A	7.5	10.0
DISCHARGE OF WATER	m/h	2	2
EFFICIENT THREADED TITANIUM TUBE HEAT EXCHANGER			
WATER INLET	mm	32/38	32/38
1M NOISE	dB(A)	57	55
10M NOISE	kg	48	46
TYPE OF REFRIGERANT		R410a	R410a
NET WEIGHT	kg	18	26
BOX SIZE	mm	310*357*365	424*422*460



Operating environment temperature: 12-43 °C
Recommended for use above 15 °C

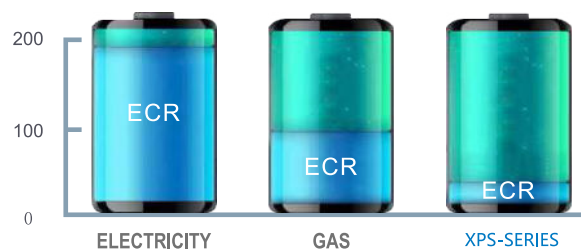


POOL HEATER PUMP

XPV Series

Functions:

- 1) Audio alarm & visual alarm;
- 2) Reset function;
- 3) Automatic activation;
- 4) Low battery indication;
- 5) Yellow light indication for sleep/swimming status;
- 6) Red light indication for off status



Energy saving pioneers enjoy to the fullest
Adopting intelligent constant temperature chip for gradual heating



XPV-50i



XPV-220Ti



XPV-450Ti



Technical Specifications

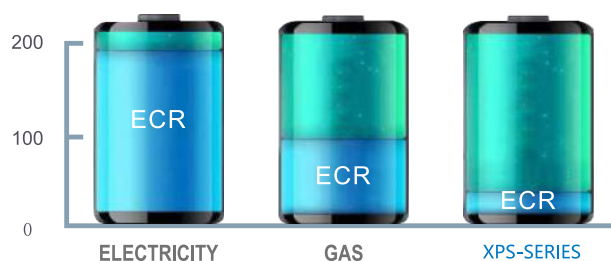
MODEL		XPV-50i	XPV-70i	XPV-120i	XPV-220Ti	XPV-450Ti
PICTURE						
POOL SIZE	m ³	≤50	≤70	≤120	≤220	≤450
ENVIRONMENTAL TEMPERATURE 28°C/WATER TEMPERATURE 28°C/RELATIVE HUMIDITY 80%						
Turbo THERMAL ENERGY	kW	14	21	30	60	120
Smart THERMAL ENERGY	kW	11	16	26	50	110
POWER/HORSEPOWER	kW/HP	2.18-0.18/3	3.17-0.24/5	4.84-0.37/7	10.71Kw-2.62kw	21.43-5.24Kw(30HP)
Turbo模式COP		6.4	6.3	6.2		
50%制热量COP		10.4	10.3	10.3	10.2-5.6	10.2-5.6
ENVIRONMENTAL TEMPERATURE 15°C/WATER TEMPERATURE 26°C/RELATIVE HUMIDITY 70%						
Turbo THERMAL ENERGY	kW	9.5	15	22	45	90
Smart THERMAL ENERGY	kW	7.9	11.2	18	36	75
POWER/HORSEPOWER	kW/HP	2.02-0.25	3.26-0.38	4.78-0.68	10.47Kw-2.47kw (15HP)	20.93Kw-4.94kw
Turbo模式COP		4.6	4.5	4.5		
50%制热量COP		6.8	6.7	6.7	6.8-4.3	6.8-4.3
BASIC PARAMETERS						
COMPRESSOR TYPE		INVERTER COMPRESSOR			INVERTER COMPRESSORS	
Noise:DB(A)52 for 1m, DB(A)43 for 10m		1m52DB(A), 10m43dB(A)	1m52DB(A), 10m43dB(A)	1m52DB(A), 10m43dB(A)	1m62DB(A), 10m42dB(A)	1m65DB(A), 10m44dB(A)
Refrigerant: R410A		R410A	R410A	R410A	R410A	R410A
Working air temp range: -7°C—45°C		-7°C—45°C	-7°C—45°C	-15°C—45°C	-15°C—45°C	-15°C—45°C
NUMBER		1			1	
VOLTAGE		220-240V/50Hz or 60Hz/1PH			380V/50Hz/Three phase	
CURRENT	A	9.5	13.8	21	19	38.3
MINIMUM FUSE	A	18	25	40		
DISCHARGE OF WATER	m ³ /h	6	9	13	20	35
WATER PRESSURE	kpa	14	15	20	32	38
TITANIUM CANNON		EFFICIENT THREADED TITANIUM TUBE HEAT EXCHANGER				
WATER INLET	mm	50			DN50 (63mm)	(90mm)

POOL HEATER PUMP

XPS Series

Functions:

- 1) Audio alarm & visual alarm;
- 2) Reset function;
- 3) Automatic activation;
- 4) Low battery indication;
- 5) Yellow light indication for sleep/swimming status;
- 6) Red light indication for off status



Energy saving pioneers enjoy to the fullest
Adopting intelligent constant temperature chip for gradual heating



Technical Specifications

MODEL		XPS-30	XPS-50	XPS-80	XPS-100T
PICTURE					
POOL SIZE	m ³	30	50	80	100
Air 28°C, Water:28°C Inverter					
Rated heating capacity		8.6Kw	13.2Kw	19.9Kw	25.84Kw
Average heating input power		1.33Kw(2hp)	2.03Kw(3hp)	3.14Kw(4hp)	4.58Kw(6hp)
COP		6.47	6.5	6.33	5.64
Air 15°C, Water:15°C Inverter					
Rated heating capacity		6.1Kw	9.3Kw	13.08Kw	19.32Kw
Average heating input power		1.36Kw	2.07Kw	3Kw	4.14Kw
COP		4.5	4.5	4.36	4.67
Other Detail					
Rated heating input current:		6.5A	10A	15.12A	7.91A
Max outlet water temp:		45°C	45°C	45°C	45°C
Power:220V/50Hz/Single phase					
Noise		DB(A)49 for 1m, DB(A)40 for 10m	DB(A)52 for 1m, DB(A)43 for 10m	DB(A)58 for 1m, DB(A)49 for 10m	DB(A)60 for 1m, DB(A)51 for 10m
Refrigerant		R410A	R410A	R410A	R410A
Working air temp range:		-7°C—45°C	-7°C—45°C	-7°C—45°C	-7°C—45°C
Compressor Type:Single-rotor fixed-frequency compressors					
Heat exchange(Type):PVC Titanium heat exchanger					
Water flow		3.7m ³ /h	5.7m ³ /h	6.2m ³ /h	9.1m ³ /h
Water pressure down		12Kpa	15Kpa	8Kpa	13Kpa
Pipe size		DN40(50mm)	DN40(50mm)	DN40(50mm)	DN40(50mm)

POOL HEATER

Heater Exchanger

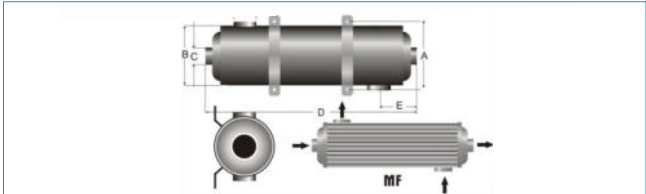


[I] type heat exchanger



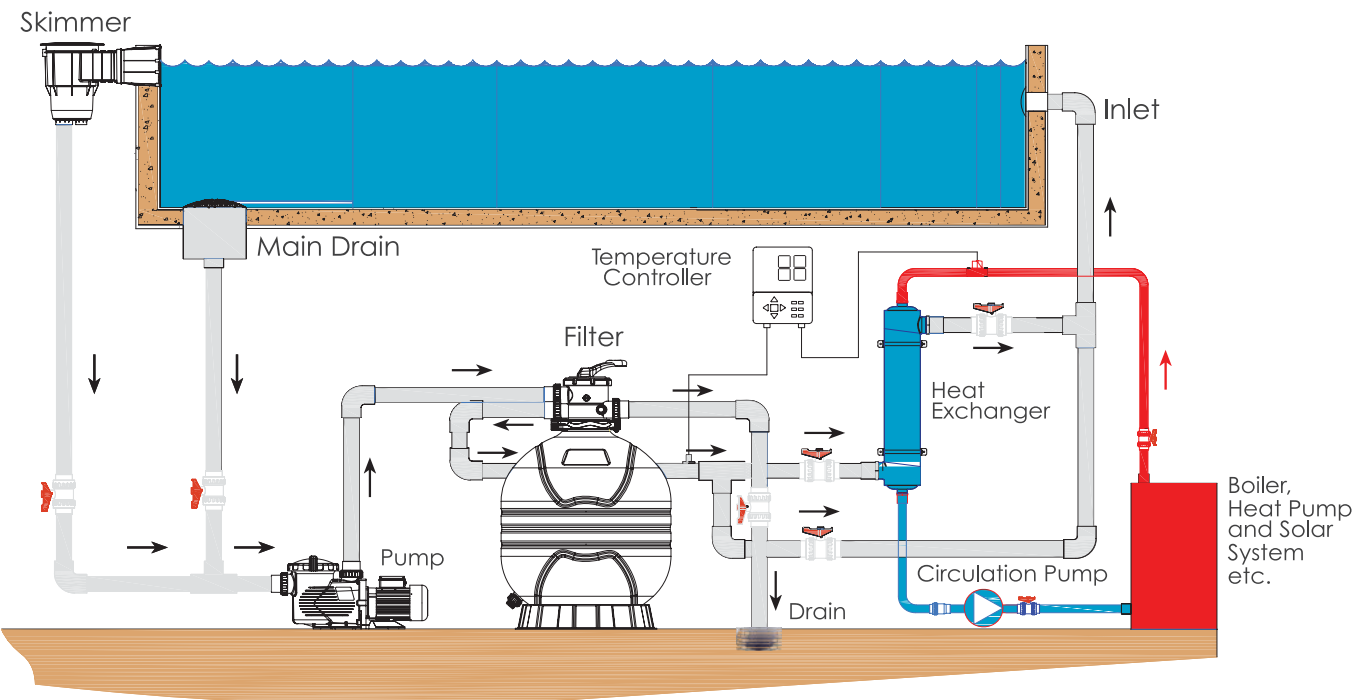
[II] type heat exchanger

Model	Thermal Output			Hot water Flow				Heat Transfer Surface	
	Btu/hr	kW	Kca/h	Ft	L/min	Ft	L/min	Ft	m
MF-80	95	28	20	1.8	30	0.3	25	2	0.2
MF-135	135	40	34	1.0	25	2.7	200	3.2	0.3
MF-200	200	60	51	1.7	30	4.5	250	4.8	0.45
MF-260	260	75	65	2.3	35	6.0	300	6.4	0.60
MF-400	400	120	100	6.0	50	8.0	360	11.8	1.10



Model	A	B	C	D	E	F
MF-80	139	130	1.0"	300	92	1.5"
MF-135	139	130	1.0"	355	92	1.5"
MF-200	139	130	1.0"	485	92	1.5"
MF-260	139	130	1.0"	613	92	2.0"
MF-400	139	130	1.0"	1070	92	2.0"

Installation



POOL HEATER

Heater Exchange Construction

B Series

Technological Conditions:

-HOT side: 90-70 , COLD side: 10-60

Plane material: AISi#304

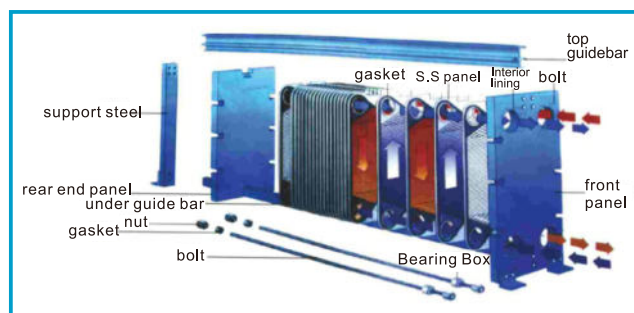
Gasket material:

-EPDM (Ethylene-Propylene-Diene Monomer)

Max pressure: 1.0MPa

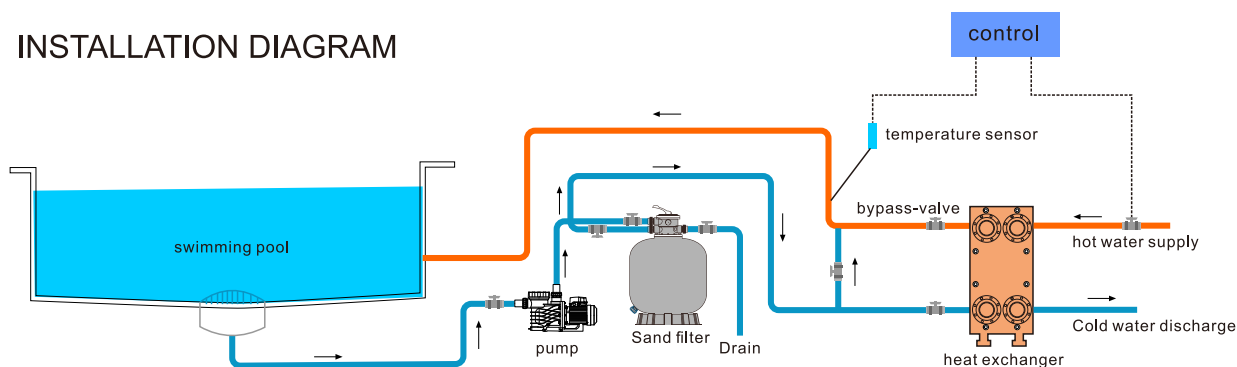
Max temperature: 130°C

Steam: 0.3Mpa



Model	Thermal Load (x10 ⁴ kcal/h)	Heat exchange area (m ²)	Hot/Flow rate (m ³ /h)	Cold/Flow rate (m ³ /h)	Connection size (DN)
B25	6-15	0.2-1	5-8	1-3	25
B40S	15-30	1.2-3	8-15	3-6	40
B50S	50-70	3.5-5.5	25-35	10-14	50
B80A	90-120	6.5-9	45-60	18-24	65
B80S	150-200	12-16	75-100	30-40	80
B110S	220-280	16-20	110-140	44-52	100
B150S	300-400	23-29	150-200	60-80	150

INSTALLATION DIAGRAM



POOL HEATER

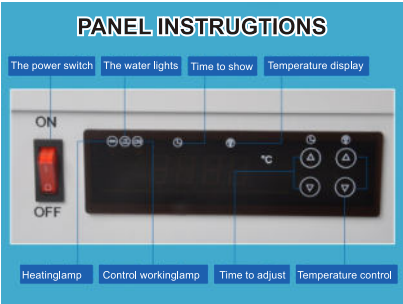
Professional Pool Thermostat

HS Series

Gaoshi thermostats are widely used in the small swimming pool, spa, and bathtub industries:

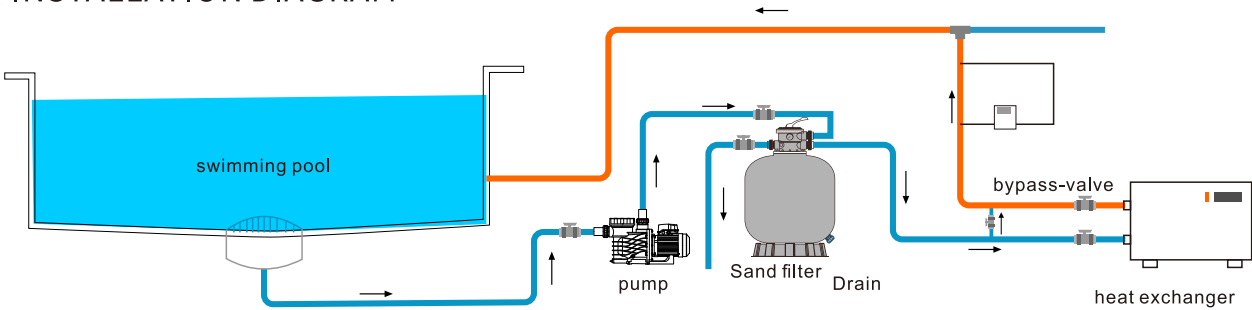
Having a good circulation system.

Good performance, high safety factor, and convenient operation and installation.



Model	P0wer(KW)	1n1et/ Out1et(1nch)	V01tage(V)	Material
HS-110	11	1.5	220/380	570*120*380
HS-150	15	1.5	380	570*120*380
HS-180	18	1.5	380	500*290*430
HS-240	24	2.0	380	600*360*520
HS-300	30	2.0	380	600*360*520
HS-360	36	2.0	380	600*360*520
HS-400	40	2.0	380	750*430*560
HS-480	48	2.0	380	750*430*560
HS-540	54	2.0	380	750*430*560
HS-600	60	2.0	380	750*430*560

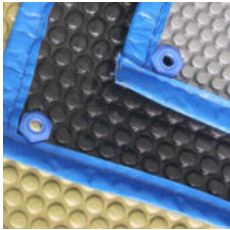
INSTALLATION DIAGRAM



POOL COVER Solar Pool Cover

KK-C1





Heat insulation

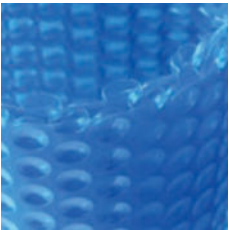
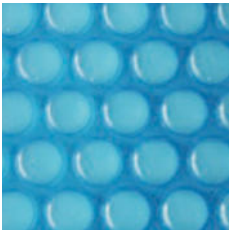
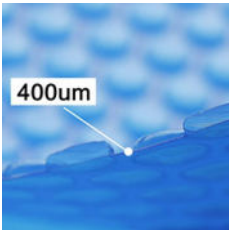
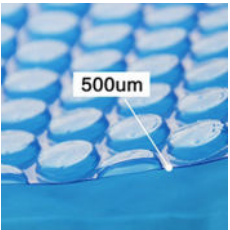
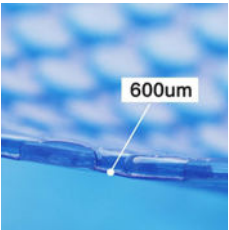
Heat Preservation

Environmental protection

Corrosion protection

Clean-keeping

Energy saving

Custom-made to fit almost any size and shape of pool.

Pool Cover Roller - Type Z



Specifications

Model	Material	H*W (mm)	Tubes (m)	Cover width (m)	Suitable length (m)
KKCR-3170	ALU+ Stainless steel	450*570	1.7*3pcs	3.4-4.2	≤15
KKCR-3215	ALU+ Stainless steel	460*570	2.15*3pcs	4.3-5.5	≤15
KKCR-3270	ALU+	460*570	2.7*3pcs	5.4-7.2	≤15

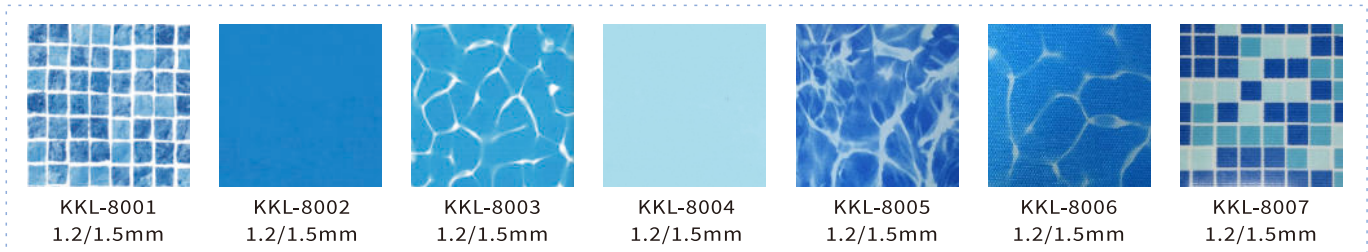
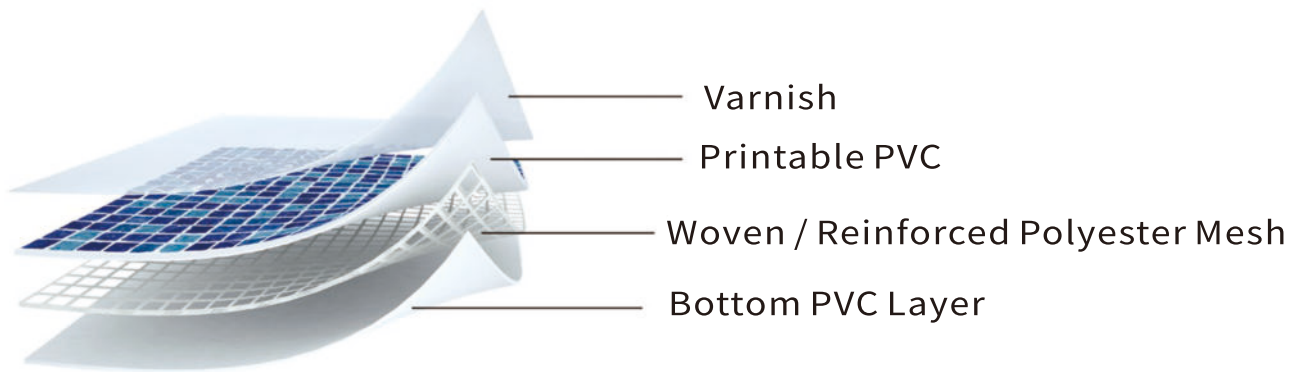
Automatic Pool Cover



Input Voltage	Signal Output	Torgue	Rotating speed	Tube Material	IP Grade
24V	NPU/PNP	250N	4RPM	304Stainless	IP 68



LINER Swimming Pool Liner



Preparation



Construction process of adhesive film



Water enriches our life



KAIKANGPOOL

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Guangzhou BaiLiHua Pool Sauna Co., Ltd

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All specifications are subject to change without prior notice



<http://kaikangpool.com/>