

Hot inside!

ClimExel
by PROCOPI



ClimExel heat pumps

Excellent all-rounders

PROCOPI
Pool & Spa Equipment

CLIMEXEL, the superlative heat pump

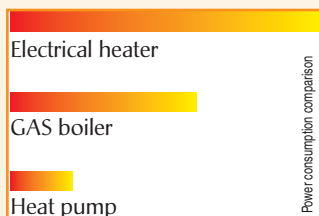
ClimExel, a range of heat pumps featuring the best performance levels to be found on the market:

extremely high yields,
excellent low noise levels,
totally automated,
the most extensive range,
systematic quality control.

What is a heat exchanger ?

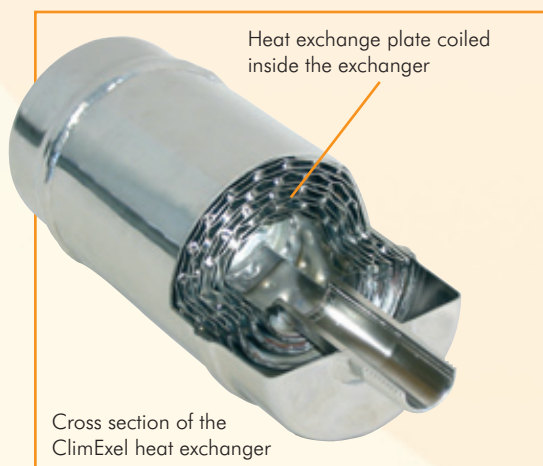
It is a circuit that allows heat to be passed from a warm body to a cold body. The larger the exchange surface area, the higher the yield. It is for this reason that ClimExel fits its heat pumps with plate heat exchangers.

> Excellent, yield!



For each 1 kW ClimExel consumes, it generates at least 5kW*. This is among the highest yields available today. The explanation lies in its titanium plate heat exchanger: the exchange surface area of a plate is higher than that of a tube, hence more calories are captured and the yield is increased. Consequently, it is one of the most economical pumps available on the market. As regards titanium, this stable material is totally compatible with every type of water treatment, including salt electrolysis.

* depending on the model and operating conditions.



EXCLUSIVE!

The titanium plate heat exchanger:
ClimExel's superiority

■ Larger heat exchange surface area
=> higher heat yield

■ Stable metal
=> compatible with every type of water treatment

> Excellent, silence!

The ClimExel heat pumps **really do run silently**, this is because their ventilation surface is large: air can therefore circulate abundantly, moving more slowly and thus more silently.

Furthermore, the surface area of their condenser is very large: air intake is improved, air passes more slowly thus attenuating the whistling noise.

In addition ClimExel pumps are fitted with a **Scroll compressor**, the reference in terms of silence (except for the HH 62 model which comes with a rotary compressor).



Scroll compressor

ClimExel HH72 model

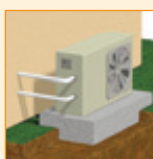
Noise level: 40 dB (at a distance of 10m).
A significant comfort factor.



What is a heat pump?

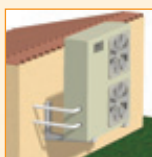
It is an electrical device that captures calories from ambient air and then transmits these to your pool.





Horizontal flow fans (HH)
from 7 to 15 KW*

For pools between 40 and 80 m³



Horizontal flow fans (HH)
from 18 to 23 KW*

For pools between 115 and 150 m³



Vertical flow fans (HV)
from 30 to 116 KW*

For pools between 180 and 700 m³

> Excellent, the entire range!

With almost 70 models, the ClimExel range is the most extensive available on the market.

Reversible pumps

Reversible versions of all ClimExel pumps are available: they supply cold water to cool down pools in hot climates.

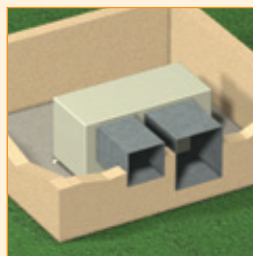
> ON REQUEST

CLIMEXEL allows you to choose the power and the installation type: from 7 kW to 120 kW, installation outdoors or inside the machine room, vertical or horizontal fan. Whatever your pool size, whatever your heating requirements, CLIMEXEL is the solution to your needs.



ClimExel also offers heat pumps for indoor installation .

Fitted with centrifugal fans, they are designed to be installed in a machine room, a basement or a garage. They may thus be entirely concealed: a considerable aesthetic advantage.



Horizontal centrifugal fan (CH), 7 to 37 KW*

For pools between 40 and 230 m³

Vertical centrifugal fan (CV), 26 to 120 KW*

For pools between 165 and 700 m³

*Integrated defrosting mechanism.

> Excellent, entirely automated!

ClimExel heat pumps are designed for **simple installation and ease of use**. Electrical connections, flow rate-settings: ClimExel has made it all simple and ergonomic.



ClimExel heat pump commands are entered by means of a screen. You set the required temperature, that's all. The rest is managed by an automated system.

Confort and simplicity...

> Excellent, systematic quality control!

In order to guarantee total reliability, all ClimExel heat pumps are **tested in water** before they are dispatched.

> Excellent, price!

ClimExel heat pumps are the most economical solution to your heating needs. On average, **your investment pays for itself after only two or three years**. So enjoy the comfort offered by ClimExel and water that is always agreeably warm. Ask your ClimExel installer for a quote now!

> Excellent, guarantee!

ClimExel heat pumps are guaranteed **2 years** as of their invoice date **or 3 years** is they are commissioned and maintained for the first year by Procopi or one of Procopi's approved sub-contractors.

The titanium heat exchanger is guaranteed **5 years**.

ClimExel: an unlimited supply of warmth...



> Excellent, technical data!

ClimExel heat pumps with helicoidal fan

HH MODELS	HORIZONTAL VENTILATION						
	62	72	92	102	122	152	172
Power (kW) at 15°	7.0	10.5	12.5	14.5/15	18.0	20/21	23.0
Consumption (kW) - max	1.4	2.1	2.6	2,8	3.6	4.1	4.9
COP	4.9	5	4.8	5,1	4,8	4.9	4.7
Acoustic power (db)	39	40	40	41	43	43	44
Power supply (V)	230			230 / 400			400
Cable cross section (mm²)	2.5	4	4	4 / 2.5		6 / 4	
Differential circuit breaker(A)	16	25	25	25 / 16		20	20
Weight (kg)	59	95	108	118	129	140	143
Dimensions (LxDxH)	866 x 343 x 653	905 x 405 x 762	905 x 405 x 965		905 x 405 x 1270		
Pool volume	< 40 m³	< 50 m³	< 60 m³	< 80 m³	< 120 m³	< 135 m³	< 150 m³



HV MODELS	VERTICAL VENTILATION						
	202	302	402	452	602	802	1002
Power (kW) at 15°	30	39	44	56	73	91	120
Consumption (kW) - max	8.7	11.6	14.5	17.4	23.1	28.3	31.7
COP	4.9	4.8	4.3	4.5	4.4	4.4	4.5
Acoustic power (db)	47	46	51	58	55	54	58
Power supply (V)	400						
Current (A)	12.1	14.7	19.1	2x12.1	2x14.7	2x19.1	2x40
Power supply cross section (mm²)	4	6	10		16	25	
Differential circuit breaker(A)	20	25	32	40	50	63	80
Weight (kg)	258	266	332	440	485	600	930
Dimensions (LxDxH)	1284 x 894 x 1028	1284 x 894 x 1180	1644 x 1284 x 1180		1644 x 1284 x 1230	2019 x 1635 x 1180	2454 x 1976 x 1600
Pool volume	< 180 m³	< 240 m³	< 280 m³	< 360 m³	< 460 m³	< 570 m³	< 700 m³

ClimExel heat pumps with centrifugal fan

CH MODELS	HORIZONTAL VENTILATION								
	62	72	92	102	122	152	172	182	192
Power (kW) at 15°	7.0	9.3	11.0	14.0	18	21.0	25	30	37
Consumption (kW) - max	1.63	2.31	2.51	3.1	3.6	4.1	5.1	6.8	8.19
COP	4.30	4.23	4.38	4.64	5.16	5.12	4.84	4.41	4.52
Acoustic power (db)	44	46	46	46	46	48	48	48	48
Power supply (V)	230			230 / 400			400		
Current (A)	10	11.5	15.3	18 / 6	7.2	7.7	12.2	14.2	16.5
Power supply cross section (mm²)	2.5	4	4	4 / 2.5		4	4	6	10
Differential circuit breaker(A)	25	25	32	32 / 25		32	35	35	40
Weight (kg)	63	130	140	150	180	185	212	270	310
Dimensions (LxDxH)	800 x 450 x 420	1102 x 645 x 480		1152 x 685 x 567	1212 x 789 x 555		1572 x 1080 x 585	1650 x 868 x 640	2050 x 868 x 640
Pool volume	< 40 m³	< 50 m³	< 65 m³	< 80 m³	< 110 m³	< 135 m³	< 160 m³	< 180 m³	< 230 m³



CV MODELS	VERTICAL VENTILATION						
	202	252	302	452	602	802	1002
Power (kW) at 15°	26	32,5	45	57	75	96	120
Consumption (kW) - max	6.47	6.89	10.11	12.95	15.5	20.08	26.32
COP	4.33	4.72	4.45	4.4	4.84	4.78	4.56
Acoustic power (db)	46	46	46	48	48	48	48
Power supply(V)	400						
Current (A)	8	13.2	14.9	28.2	33.2	41.4	51.2
Power supply cross section (mm²)	2.5	4	6	10	16	25	35
Differential circuit breaker(A)	16	25	32	50	63	80	100
Weight (kg)	305	325	395	525	545	550	790
Dimensions (LxDxH)	1360 x 728 x 1392		1738 x 728 x 1528		2040 x 728 x 1592		2239 x 777 x 1641
Pool volume	< 165 m³	< 200 m³	< 285 m³	< 265 m³	< 400 m³	< 610 m³	< 700 m³

> Excellent, the industrial strength of PROCOPI !

ClimExel is a brand name of the Procopi Group, the no.1 pool equipment manufacturer in France. This is the best guarantee of quality and continuity that you could have.

SO,
for your pool heating solution,
treat yourself to excellence!

DEALER'S STAMP



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