Calorex heat pumps *can be used for either heating a pool, cooling a pool or both making them the ultimate temperature control product.*

THE SOLUTION

The answer to this problem is the Calorex range of purpose built heat pumps, chillers and heat cool systems for use in any size pool and plant room.

Our products

Calorex heat pumps are specifically designed for swimming pool heating and cooling.

This means that all components used in their construction are designed to give maximum efficiency and reliability at swimming pool conditions, even in the toughest climates.

Why heat pumps?

Heat pumps are recognised as the most sustainable way to dynamically heat or cool swimming pool water saving both energy and operating costs.

Unlike electric flow heaters and boilers that can only provide pool heating. Calorex heat pumps will automatically either heat or cool your pool without the need for additional equipment.

As an added bonus, a Calorex heat pump will produce up to five times the energy it consumes, dramatically reducing the energy consumption of your swimming pool.

Rapid installation, flexible operation

Fully self-contained units, Calorex heat pumps easy to install and when it comes to operation, units offer quiet, reliable and safe performance.

Year round operation

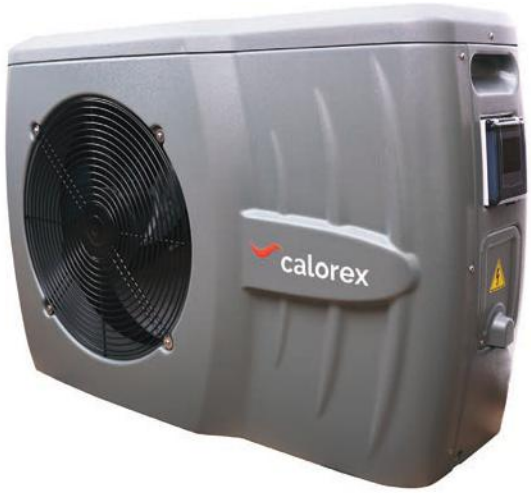
Calorex heat pumps have various operating temperatures and will suit different environments and climates.

Benefits

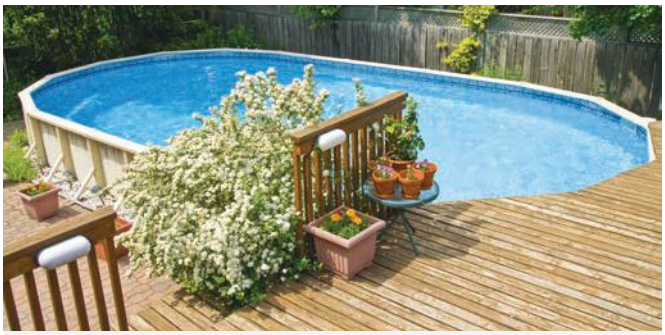
- Up to 400% operating cost and carbon saving against direct electric heaters
- Up to 47% operating cost saving against fossil fuel boilers
- Up to 60% carbon saving against fossil fuel boilers
- No flues or fuel storage tanks
- Simple installation and long service life
- Minimal maintenance
- Easy to retrofit to existing swimming pool systems

POOL WATER HEATING – AIR TO WATER

SMALL POOLS



COM-PAC 8



Features

- Quiet, aesthetically pleasing design
- ABS cabinet
- Scroll or Rotary compressor
- Titanium heat exchanger
- Reverse cycle defrost – operation to 3°C air temp
- Can heat water to 40°C
- 'Smart' pool pump control
- Condensate collection
- Water flow switch
- Three year limited parts supply warranty, first year includes labour
- Designed and manufactured in collaboration with Dantherm Group R&D

Options

- Winter protection cover

Applications

- Outdoor pools
- Private pools
- Spa pools
- Above ground pools
- Wellness centres
- Therapy pools

Specifications	Units	COM-PAC 6	COM-PAC 8	COM-PAC 12	COM-PAC 15	COM-PAC 20
Air temperature range	°C	3-35	3-35	3-35	3-35	3-35
Water temperature range	°C	10-40	10-40	10-40	10-40	10-40
Output @ +25°C/55% RH ambient	kW	7.2	8.6	12.4	17.2	22.8
Input @ +25°C/55% RH ambient	kW	1.3	1.6	2.2	3.1	4.5
Output @ +15°C/70% RH ambient	kW	5.7	6.8	9.8	13.9	18.5
Input @ +15°C/70% RH ambient	kW	1.2	1.4	2.0	2.9	4.1
Output @ +5°C/100% RH ambient	kW	4.7	5.1	8.2	10.6	14.1
Input @ +5°C/100% RH ambient	kW	1.1	1.3	1.9	2.7	3.9
COP 15°C ambient		4.75	4.85	4.90	4.79	4.60
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50	380-415/3ph/50
Max. power input	kW	2.33	2.71	3.83	5.94	7.50
Max. current	A	10.59	12.32	17.41	27.00	12.30
Refrigerant		R410a	R410a	R410a	R410a	R410a
Min./max. pressure	Pa	1.5/4.15	1.5/4.15	1.5/4.15	1.5/4.15	1.5/4.15
Air flow	m^3/h	2200	2000	3900	3800	7000
Sound level @ 3m	dB(A)	37	38	39	39	41
Sound level @ 10m	dB(A)	28	29	30	30	32
Product size (w x d x h)	mm	654 x 405 x 968	654 x 405 x 968	709 x 490 x 1130	709 x 490 x 1130	1299 x 520 x 809
Weight	kg	51	53	72	93	117

Output and input calculated @ 26°C water temperature