



CCTV.《大国品牌》独家战略合作伙伴



PRODUCT INTRODUCTION

R32 Inverter High-Efficiency Swimming Pool Heat Pump





01

PRODUCT FEATURES

DC Inverter Technology

Where a standard Heat Pump only has 1 speed, meaning it will always draw power at its maximum rate, a TCL Inverter Heat Pump can dial its power consumption up or down based on the heat demand requirements of your pool. As your pool approaches its desired temperature your TCL Inverter Heat Pump begins to taper its power consumption, resulting in lower running costs.

TCL full DC inverter technology enables the heat pump to adjust its strength from 10% to 90% according to the requirements.



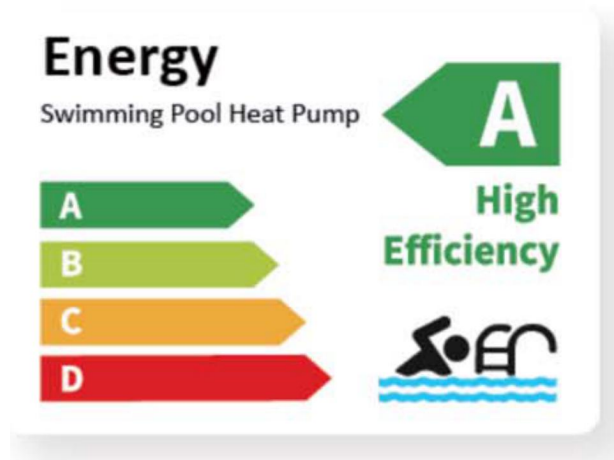
Environmentally Friendly

R32-Environmental refrigerant does not destroy the ozone layer.



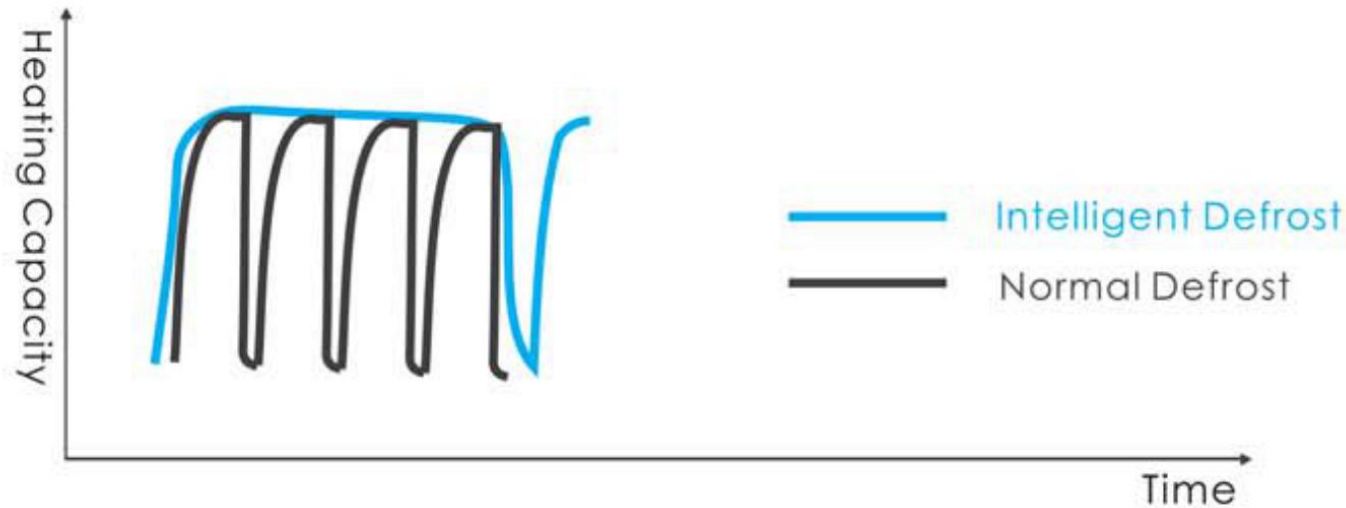
High Efficiency

With R32 Refrigerant and DC inverter technology, TCL Swimming pool units can reach a COP as high as 6.0 at Air 26°C/ Water 28°C/ Humidity 80%.



- Classe A : $COP \geq 5$
- Classe B : $4.5 \leq COP < 5$
- Classe C : $3.5 \leq COP < 4.5$
- Classe D : $COP < 3.5$

COP 6.0

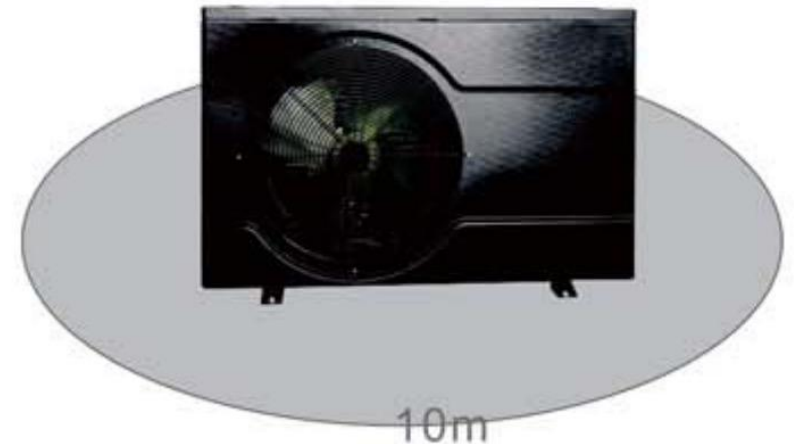
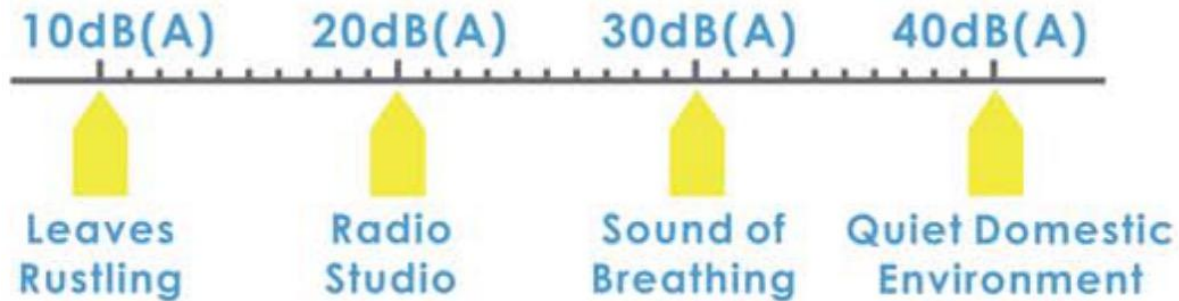


Intelligent Defrost Technology

TCL Swimming pool heat pump maintains high energy-efficient heating even in -10°C cold regions. Under the low-temperature condition, heat pumps should have an extremely strong defrosting capability. With TCL intelligent defrosting technology, the heat pump intelligently conducts defrosting basing on both temperature and time of the heat pump system as well as the external environment, ensuring stable and energy-saving running in a cold environment.

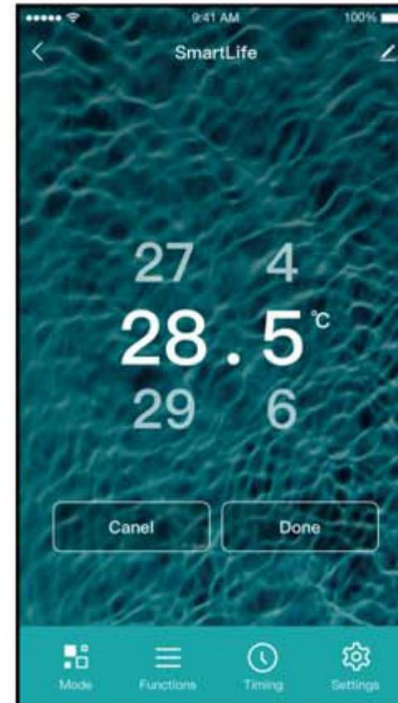
Low Noise at 10m Distance

Thanks to the full DC inverter technology, the TCL Pool Heat Pump is running at 25dB(A) low noise.





Temp. Setting



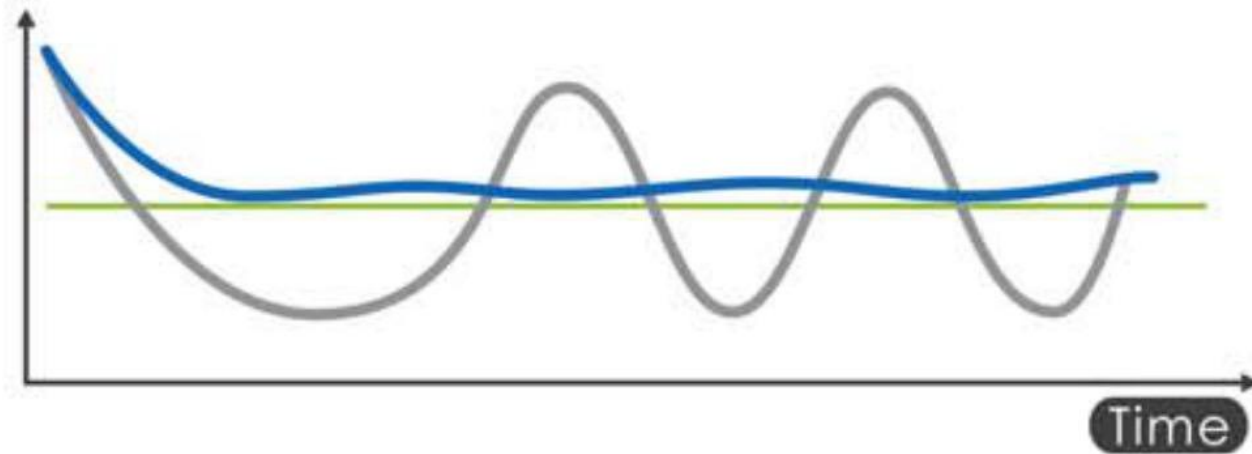
Wi-Fi

Smart App Remote Control

On a business trip or holiday travel? Set and check your pool temperature via the app on your smartphone. The pool temperature is just at your fingertips.

Precise Temperature control

Combined with the human body temperature characteristics, achieve 0.1°C precision control, comfortable constant temperature.



Inverter Equipment

Normal equipment

Temperature Setting

Highly Efficient Corrosion Resistant Heat Exchanger



With titanium tube/PVC corrosion-resistant heat exchanger/threaded tube and spoiler structure, TCL heat pump improves the heat transfer coefficient, enhances the heat transfer, all this makes the exchanger efficiency 25% more than the ordinary one.

An architectural rendering of a modern building at night. The building features a prominent glass facade reflecting city lights. A blue diamond-shaped graphic is overlaid on the left side, containing the number '02'. A blue horizontal bar with a diagonal cut on the right side is overlaid across the middle of the image, containing the word 'SPECIFICATIONS'. The background shows a street with cars and a bridge in the distance.

02

SPECIFICATIONS

TCL Inverter		TSP-007	TSP-011	TSP-014	TSP-019	TSP-023
Performance Condition (Air 26° C/Water 28° C/Humid. 80%)						
HeatingCapacity	kW	7.50	11.80	14.30	19.80	23.00
Consumedpower	kW	1.14	2.00	2.32	3.17	3.83
COP	/	6.13	6.18	6.16	6.08	6.00
Performance Condition (Air 15° C/Water 28° C/Humid. 70%)						
HeatingCapacity	kW	5.10	8.70	10.30	14.63	16.30
Consumedpower	kW	1.12	1.88	2.00	2.73	3.80
COP	/	4.55	5.18	5.15	5.08	4.29
Performance Condition (Air 35° C/Water 26° C/Humid. 40%)						
CoolingCapacity	kW	3.80	6.10	7.90	10.20	12.50
Consumedpower	kW	0.90	1.38	1.78	2.15	2.43
EER	/	4.25	4.36	4.44	4.93	5.14
PowerSupply	/	220-240V~/Ph				
FanQuantity	/	1	1	1	1	1
FanSpeed	RPM	650	850	850	850	850
Sound Pressure 1m	dB(A)	38-50	39-51	42-53	43-54	43-55
Sound Pressure 10m	dB(A)	25-38	26-35	26-36	26-38	25-37
WaterConnection	mm	50				
WaterFlowVolume	m³/h	3.00	3.80	5.20	6.50	8.50
WaterPressureDrop	(max)kPa	3.00	4.00	5.00	7.00	9.00
Cartonsize	mm	880x320x620	998x485x850	998x485x850	1160x490x855	1160x490x855



THANKS

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