

# POOLWORLD

## ULTRA SERIES

Full Inverter Pool  
Heat Pumps



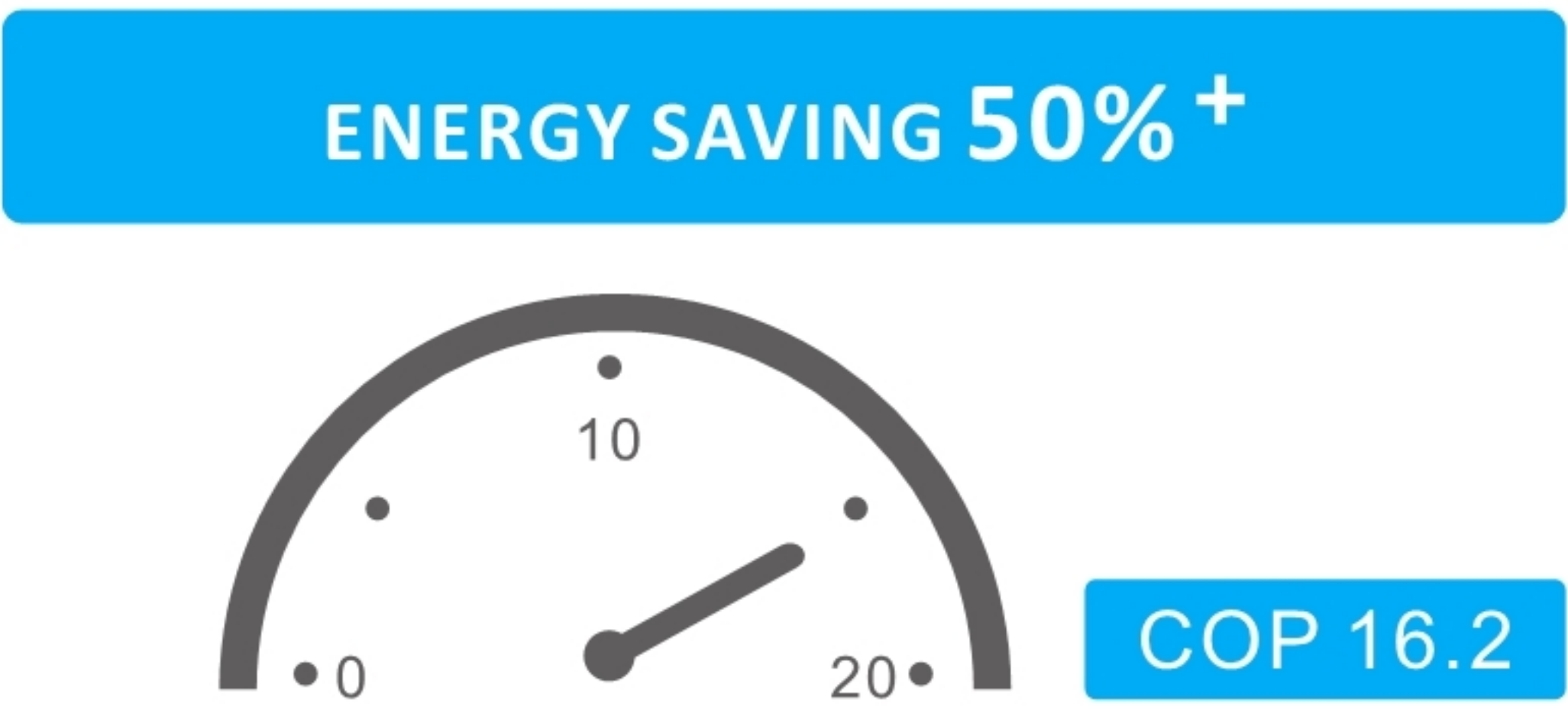
- ★ Full DC Inverter
- ★ Ultra Silence Operation
- ★ Heat up to 140m<sup>3</sup> pool





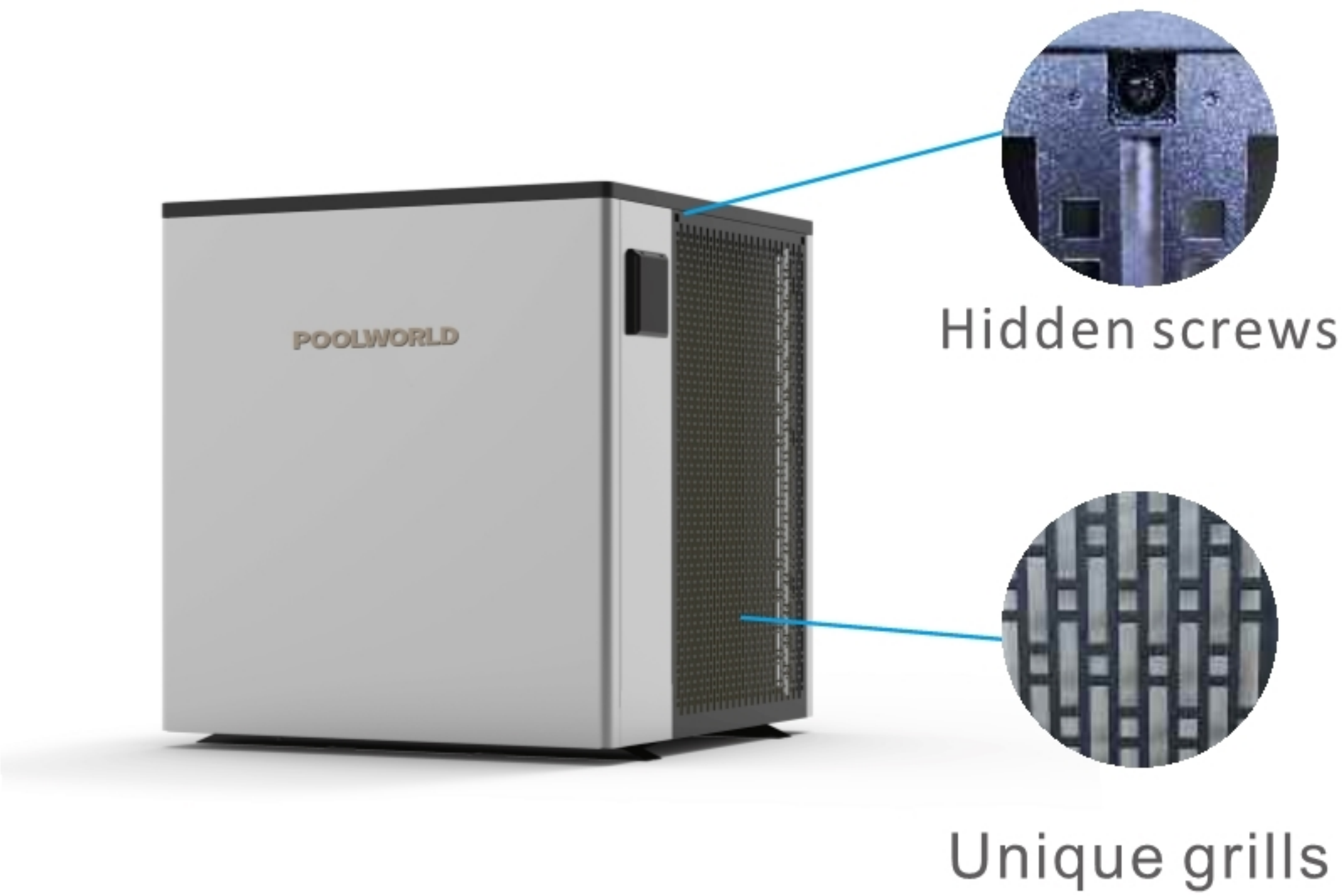
## Advanced Technology: Full DC Inverter

Pool World full DC inverter technology enables the heat pumps to adjust its power from 10% to 90%. With this technology, Pool World Ultra Series can not only reduce 50% power consumption on average, but reach COP as high as 16.2 at Air 26°C/ Water 26°C / Humidity 80%.



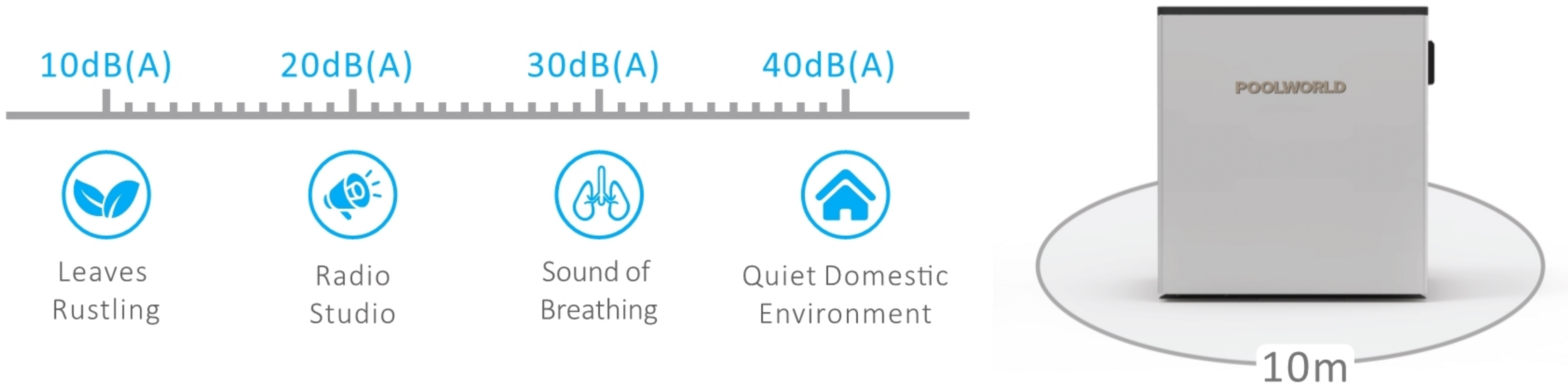
## Detail-Oriented: Patented Design

Pool World Ultra Series adopts patented design, with hidden screws and unique grills. The modern design not only creates a sense of wholeness, but also greatly integrated with the garden surroundings.



## Ultra Silence: 18dB(A) at 10m distance

Thanks to the twin-rotary Panasonic compressor and unique structure, the running sound of Ultra Series reaches as low as 18dB(A) at 10m distance. It's pretty suitable for use at night, and brings more harmonious neighborhood relationship.

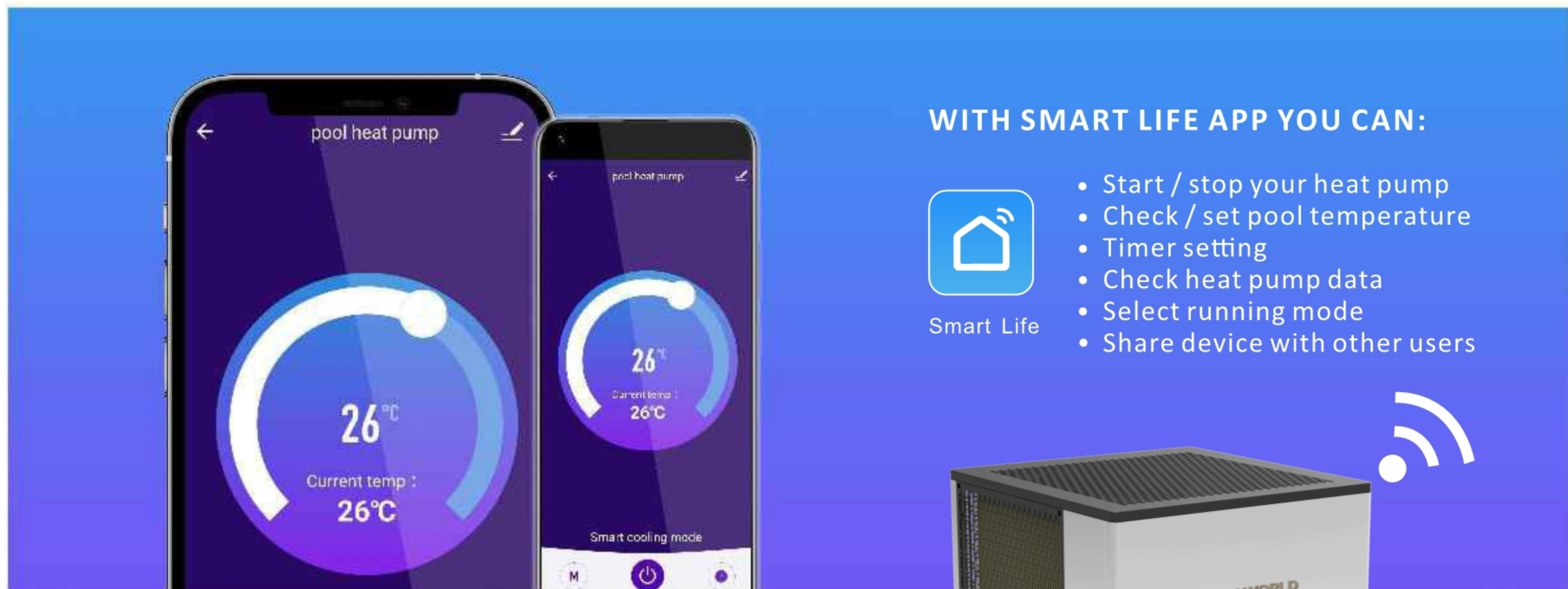






## Intelligent Living: App Remote Control

Your life may lose control sometimes, but your pool temperature is always at your fingertips. Tuya smart app brings an easy access to your pool temperature anytime and anywhere. GO! Just get your pool preheated for deep relaxation once reaching home.



## Other features:



**Lowest Ambient Working Temperature -15°C**



**Auto Defrosting**



**Wide Working Voltage 175V~254V**



**LCD Controller**



**0.5°C Accurate Temperature Control**



**Heating & Cooling**





Model	PW030-DKZYC-D	PW040-DKZYC-D	PW050-DKZYC-D	PW060-DKZYC-D	PW070-DKZYC-D	PW070-DKZYC-DT	PW080-DKZYC-DT
Advised pool volume (m³)	25~50	30~60	40~80	50~100	60~120	60~120	70~140

Performance condition: Air 27°C, Water 26°C, Humidity 80%

Heating capacity	kW	14.0~3.20	17.50~3.50	21.5~5.00	24.50~5.50	28.50~7.00	28.50~7.00	32.50~7.5
	BTU	47600~10880	59500~11900	73100~17000	83300~18700	96900~23800	96900~23800	110500~25500
Power Input	kW	1.94~0.20	2.50~0.22	3.10~0.31	3.65~0.34	4.20~0.44	4.20~0.44	5.00~0.48
COP		7.2~16.0	7.0~15.9	6.9~16.1	6.7~16.2	6.8~15.9	6.8~15.9	6.5~15.6
COP at 50% capacity		12.00	12.00	12.00	12.00	12.00	12.00	11.50

Performance condition: Air 15°C, Water 26°C, Humidity 70%

Heating capacity	kW	10.51~2.48	13.0~2.57	16.25~3.60	19.10~4.2	22.5~5.0	22.5~5.0	25.5~5.5
	BTU	35734~8432	44200~8738	55250~12240	64940~14280	76500~17000	76500~17000	87720~18700
Power Input	kW	1.91~0.31	2.40~0.32	3.05~0.45	3.54~0.53	4.17~0.62	4.17~0.62	4.90~0.69
COP		5.5~8.0	5.4~8.0	5.3~8.0	5.4~7.9	5.4~8.1	5.4~8.1	5.2~8.0
COP at 50% capacity		7.00	7.00	7.00	7.00	7.00	7.00	6.80
Power supply	V/Ph/hZ	220-240 / 1 / 50-60					380-400 / 3 / 50-60	
Heat exchanger		Spiral titanium in PVC						
Fan Direction		Vertical						
Compressor Quantity		1						
Compressor		Panasonic						
Ambient temp. range	°C	-15~43						
Wifi Module		Include						
Sound level at 10m	dB(A)	18.5~27	22.0~27.5	22.5~29.5	23~30	23.5~31	23.5~31	24~32
Sound level at 1m	dB(A)	40~49	40~50	42~51	43~52	43~53	43~53	43~54
Soundlevelat1m(50%capacity)	dB(A)	44	45	45	46	46.5	46.5	47
Water Connection	mm	50	50	50	50	50	50	50
Advised water flux	m³/h	4~6	6~8	7~9	8~10	9~11	9~11	10~12
Shippingdimension(L*W*H)	mm	700*708*752			745*824*852		895*904*912	

The data above is only for reference. For final specifications, please refer to the nameplate on the unit.  
Maximum pool volume depending on environmental conditions.

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