



VariPool Sky

Residential Full Inverter Pool Heat Pump



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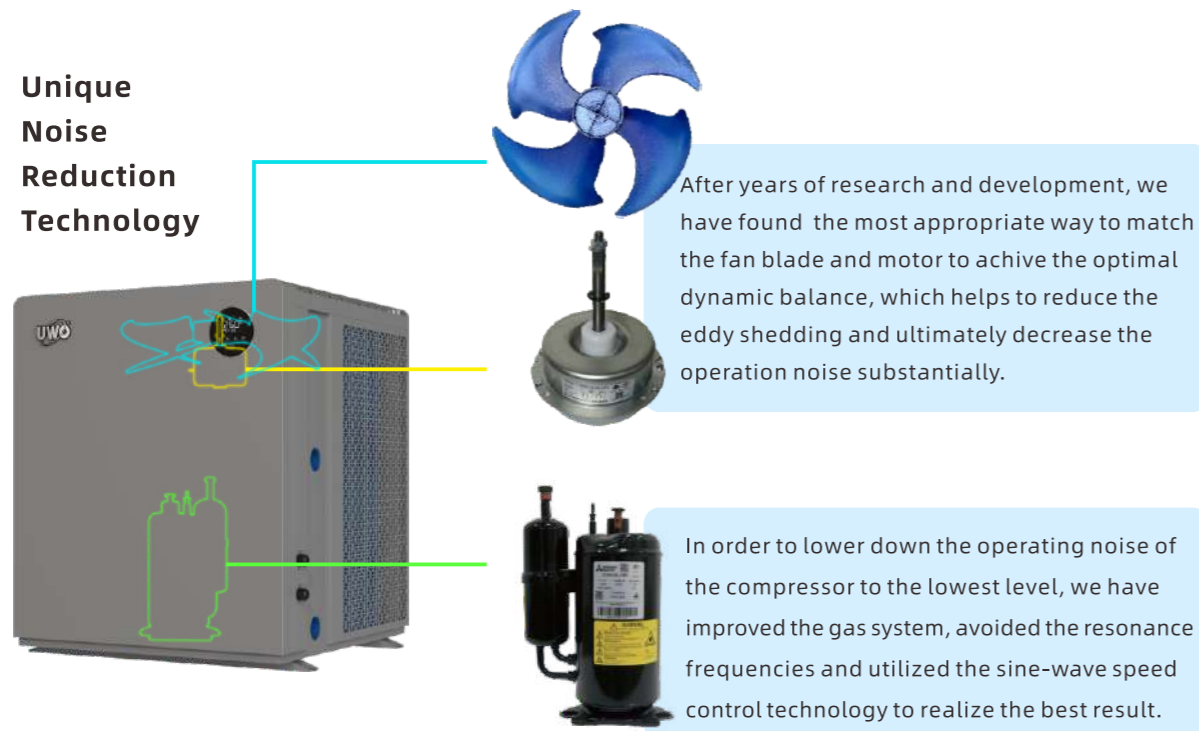
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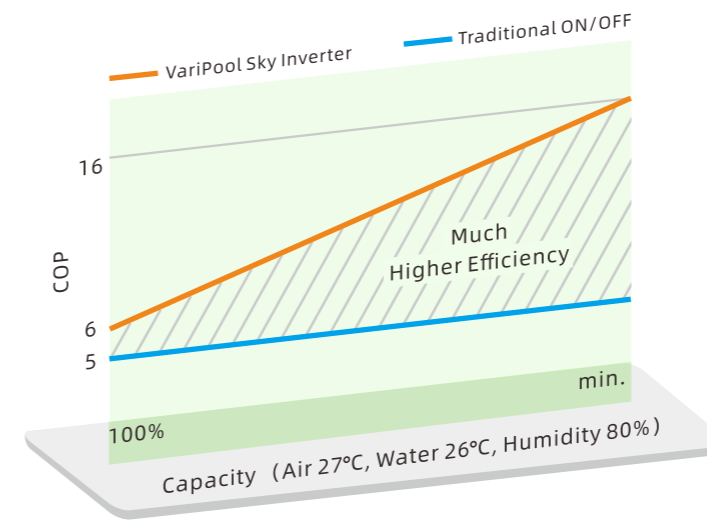


How can VariPool Sky Realize Operation at Low Noise Level?



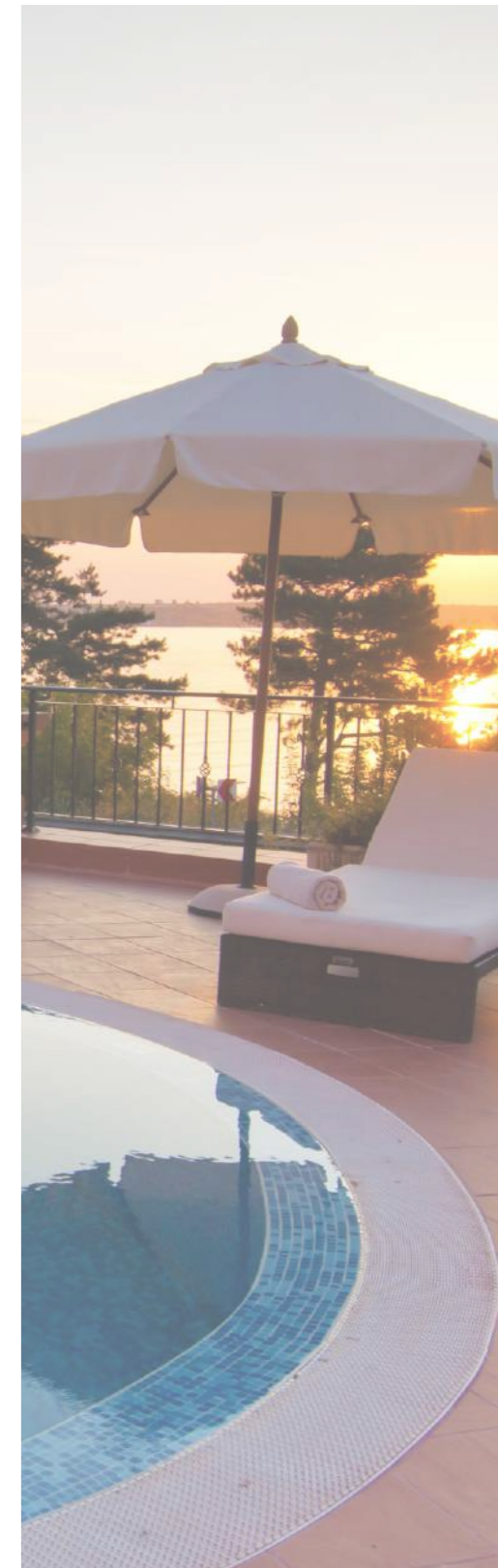
Max. COP 16

With the continuous innovation and progress of technology, UWO keeps improving the products' performance and striving for excellence. Currently UWO VariPool Sky's COP has reached up to 16, remaining higher stability and efficiency than traditional ON/OFF pool heat pumps at any certain working condition.



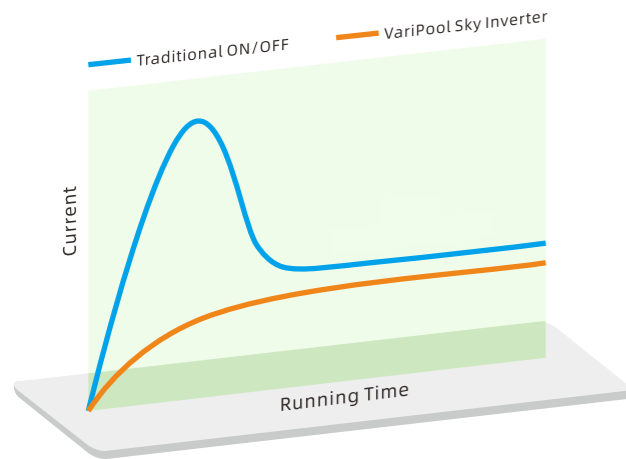
Double Saving

VariPool Sky is doing its part to save the planet while saving you money. Thanks to its excellent inverter technology, more than 100% costs can be saved compared to traditional ON/OFF heat pumps.



Flexible Installation

The design of air inlet from three sides and air outlet from the top is suitable for heat pumps with higher power, catering to more different scenario needs. The air blowing on top saves space in the horizontal direction and greatly improves space utilization, making installation more flexible.



Soft Starting

Traditional ON/OFF heat pump rockets the electric current violently at start-up and it is possible to cause damage to the household power grid in the long run. In comparison, VariPool Sky starts with less than 30% current and climbs smoothly to the required electricity, which will not impact the stability of the power grid.



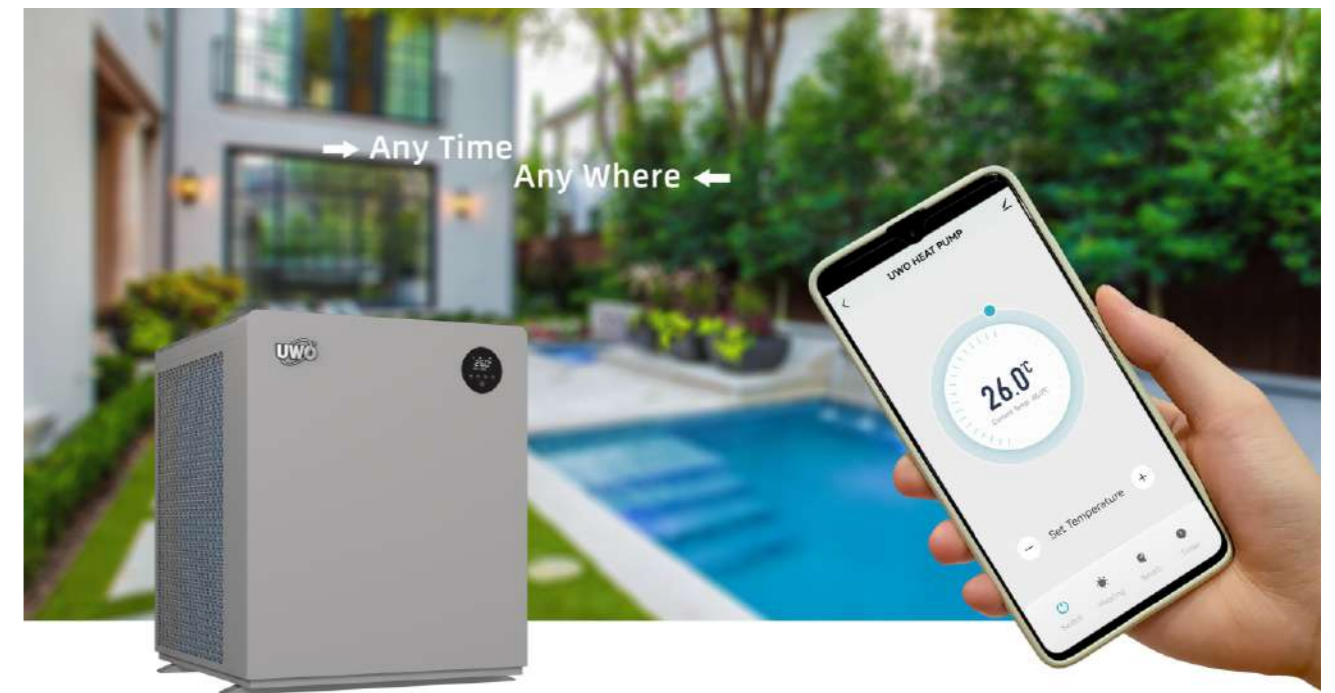
Operation Min. -15°C

VariPool Sky is capable of stable operation in ambient temperatures from -15°C to 43°C, maintaining high capacity and efficiency. With its outstanding performance, your seasonal swimming experience can be extended to all year round.



Smart APP Control

VariPool Sky is equipped with a Wi-Fi connection and remote control functions. Combined with UWO app, users can easily control the heat pump without limitation of time and place.



Parameters (Single-Phase)

Factory Model No.	USP	100R3V-U	130R3V-U	170R3V-U	210R3V-U	260R3V-U	300R3V-U
Advised Pool Volume	m ³	25~50	35~65	40~75	50~95	55~110	70~130
Performance Condition: Air Temp.: 27°C, Inlet / Outlet Water Temp.: 26°C / 28°C, Humidity 80%							
Heating Capacity	kW	2.95~10.21	3.61~13.03	4.86~17.12	6.16~20.90	7.84~26.09	8.51~30.11
Power Consumption	kW	0.18~1.67	0.22~2.15	0.30~2.83	0.38~3.42	0.48~4.29	0.53~4.97
COP	W/W	16.38~6.11	16.40~6.06	16.20~6.05	16.21~6.11	16.33~6.08	16.06~6.06
Performance Condition: Air Temp.: 15°C, Inlet Water Temp.: 26°C, Humidity 70%							
Heating Capacity	kW	2.58~7.59	3.17~9.62	3.97~12.41	4.73~14.81	6.14~18.05	6.21~20.82
Power Consumption	kW	0.36~1.48	0.44~1.87	0.56~2.44	0.66~2.88	0.86~3.55	0.87~4.07
COP	W/W	7.16~5.13	7.20~5.14	7.09~5.08	7.16~5.14	7.14~5.08	7.13~5.11
Power Supply	/	220-240V~/50Hz					
Operating Air Temp.	°C	-15~43					
Refrigerant	/	R32/R410A					
Compressor	/	Mitsubishi					
Fan Motor Type	/	DC					
Water Connection	mm	50					
Noise Level (1m)	dB(A)	40~50	41~51	42.5~52.5	44.5~54.5	46.5~56	48~58
Advised Water Flow	m ³ /h	4.5	5.8	7.5	9.0	11.5	13.0
Water Pressure Drop	kPa	15	18	20	35	35	38
Net Dimension (LxWxH)	mm	700x690x750		720x730x800		750x730x855	

*The above data are subject to modify based on continuous improvement without advance notice. Please refer to those on real unit, and thanks for your attention to the latest version.



Parameters (Three-Phase)

Factory Model No.	USP	260R3TV-U	300R3TV-U	350R3TV-U	400R3TV-U
Advised Pool Volume	m ³	55~110	70~130	80~150	90~170
Performance Condition: Air Temp.: 27°C, Inlet / Outlet Water Temp.: 26°C / 28°C, Humidity 80%					
Heating Capacity	kW	7.85~26.15	8.54~30.08	10.17~35.10	11.21~40.06
Power Consumption	kW	0.48~4.28	0.53~4.98	0.63~5.72	0.69~6.00
COP	W/W	16.35~6.10	16.11~6.04	16.14~6.14	16.24~6.67
Performance Condition: Air Temp.: 15°C, Inlet Water Temp.: 26°C, Humidity 70%					
Heating Capacity	kW	6.13~18.02	6.20~20.84	8.03~24.33	9.12~27.72
Power Consumption	kW	0.86~3.52	0.87~4.05	1.14~4.71	1.30~5.32
COP	W/W	7.13~5.12	7.12~5.15	7.04~5.16	7.02~5.21
Power Supply	/	380-415V/3N~/50Hz			
Operating Air Temp.	°C	-15~43			
Refrigerant	/	R32/R410A			
Compressor	/	Mitsubishi			
Fan Motor Type	/	DC			
Water Connection	mm	50			
Noise Level (1m)	dB(A)	46.5~56	48~58	50~60	52~61.5
Advised Water Flow	m ³ /h	11.5	13.0	15.0	17.0
Water Pressure Drop	kPa	35	38	45	45
Net Dimension (LxWxH)	mm	750x730x855		850x810x900	

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