



Parameters

Factory Model No.	USP	650R4TV-U	1300R4TV-U
Advised Pool Volume	m ³	150~275	260~550
Performance Condition: Air Temp.: 27°C, Inlet / Outlet Water Temp.: 26°C / 28°C, Humidity 80%			
Heating Capacity	kW	13.5~65.5	29.5~132.5
Power Consumption	kW	0.82~10.65	1.76~20.70
COP	W/W	16.46~6.15	16.76~6.40
Performance Condition: Air Temp.: 15°C, Inlet Water Temp.: 26°C, Humidity 70%			
Heating Capacity	kW	10.2~52.5	23.0~102.3
Power Consumption	kW	1.16~10.55	2.64~20.73
COP	W/W	8.79~4.97	8.71~4.93
Power Supply	/	380-415V/3N~/50Hz	
Operating Air Temp.	°C	-15~53	
Refrigerant	/	R410A	
Water Connection	mm	63	110
Noise Level (1m)	dB(A)	≤63	≤69
Advised Water Flow	m ³ /h	25	45
Water Pressure Drop	kPa	50	68
Net Dimension (LxWxH)	mm	1700x840x1650	1750x1200x1750

*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.



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VariPool Rover

Commercial Inverter Pool Heat Pump



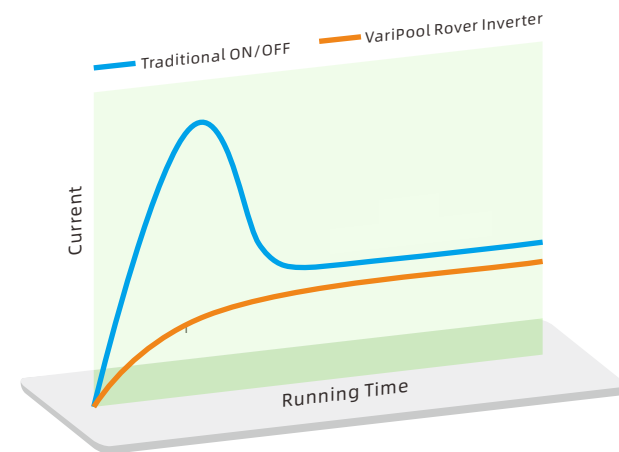
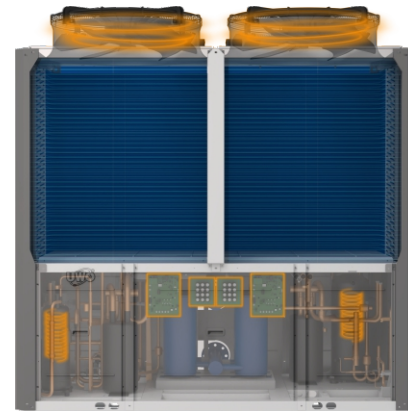
Application Scene

With more powerful heating capacity than the general residential pool heat pumps, VariPool Rover is suitable for pool size up to 550m³ with one unit. It can perfectly meet the requirements of pool heating/cooling in gyms, aqua parks, hotels and other commercial scenes.



Mature Full Inverter Technology

The most advanced and mature full inverter technology has been adopted for VariPool Rover. The speed of inverter compressor and DC fan motor can be intelligently and precisely adjusted according to the demand of target temperature based on different conditions. Therefore, a comfortable experience can be brought and a long operation life of unit is ensured.



Soft Starting

The traditional ON/OFF heat pumps can start up violently and have a risk of damaging the household power grid in the long run. While VariPool Rover starts with less than 30% of current, and ramps up smoothly to the required level. Thus it will not affect the stability of the power grid.

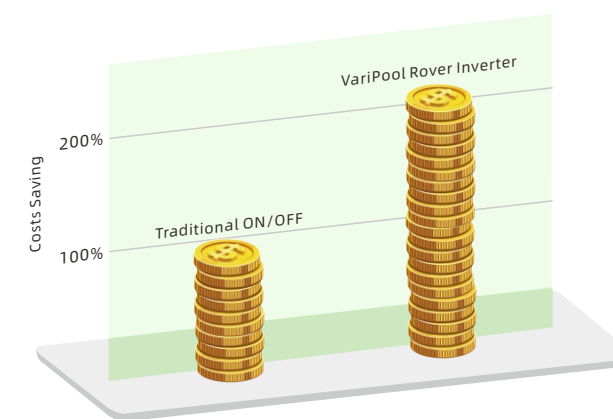
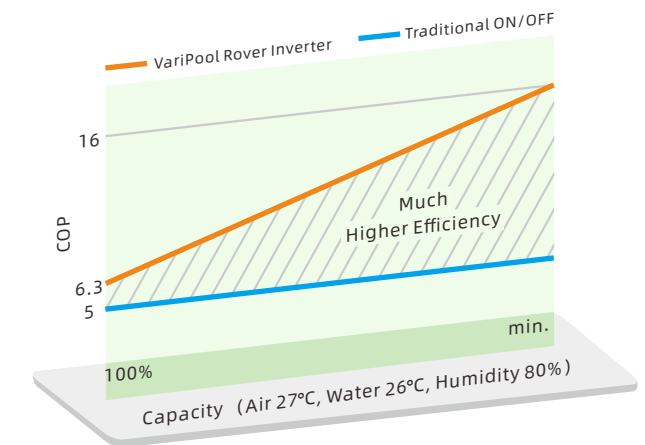
4-Season Swimming

VariPool Rover is designed to work reliably in ambient temperature ranging from -15°C to 53°C while keeping its high capacity and efficiency. Thanks to this mature technology, the swimming pool business seasons can be extended to all year round.



Max. COP 16

The working performance of heat pump is what UWO always strives to improve. VariPool Rover always maintains a higher working efficiency than traditional ON/OFF heat pumps with the COP up to 16.



Double Saving

VariPool Rover, as comprehensive product solution for heating/cooling of commercial pools, is especially designed for saving big costs. Thanks to its excellent inverter technology, more than 100% of the cost savings can be achieved over an ON/OFF model.