



The mini compact heat pump is especially designed for small swimming pool or massage bathtub. With its components comparable to those of large-size heat pump, the heat pump has a COP similar to other heat pumps. Connecting it to a standard electrical socket, the mini compact heat pump can heat your pool in just a few hours.

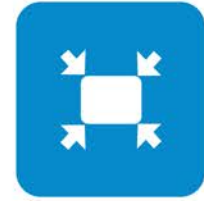
Mini Compact swimming pool heat pump

Product model			R028mini	R035mini
Advised pool volume (m³) (with cover)			5-15	5-20
Parameters	Heating*	Heating capacity (kW)	2.74	3.45
		Heating capacity (BTU/h)	9383	11800
		Input power (kW)	0.51	0.64
		COP	5.39	5.39
	Heating**	Heating capacity (kW)	2.15	2.70
		Heating capacity (BTU/h)	7371	9270
		Input power (kW)	0.53	0.67
		COP	4.03	4.03
	Rated current (A)		3.67	4.62
	Advised water flux (m³/h)		1.5	2.0
	IP Grade (Waterproof rate)		IPX4	IPX4
	Anti-electric shock rate		I	I
	Noise (dB(A))		≤44	≤44
	Net weight/Gross weight (kg)		10/20	22/24
Water connection (mm)		φ32	φ32	
Standard Configuration	Casing material		ABS plastic (Black color)	ABS plastic (Black color)
	Compressor		Rotary	Rotary
	Body / Packing size (W*D*H) (mm)		450*280* 405 / 480* 325*465	450*280* 405 / 480* 325*465
	Refrigerant		R32	R32
	Power supply		220V/1ph/50Hz	220V/1ph/50Hz
	Controller		Single System(Motorola Chip)	Single System(Motorola Chip)
Remark: Heating*: Inlet water temperature 26°C, Outlet water temperature 28°C, Dry bulb temperature 26°C, Humidity 80%. Heating**: Inlet water temperature 26°C, Outlet water temperature 28°C, Dry bulb temperature 15°C, Humidity 70%.				

Features

1.Smaller Dimensions and Portable

The heat pump takes an area less than 0.16 m² and weight is only 22kg.
The compact design is a perfect solution for above-ground pools and spas.



2.High Energy Efficiency

This series of heat pumps strives to deliver perfect swimming experience with exceptional performance at the lowest cost. Its COP can go as high as 5.4 at 26°C/23.3°C(DB/WB).



3.ABS Plastic Casing

The casing is made of ABS plastic entirely, avoiding any corrosion and stain caused by the poor ambient environment.



4.Low Noise

The noise of the heat pump is only 44 dB(A) at 1 meter's distance, just like sound of a running fridge. The low noise feature makes this product a perfect choice for residential use.



5. Hydrophilic Finned Heat Exchanger

The hydrophilic coating can effectively resist condensing water and frosting. And the anticorrosion feature of hydrophilic coating can give the finned heat exchanger a longer lifetime.

