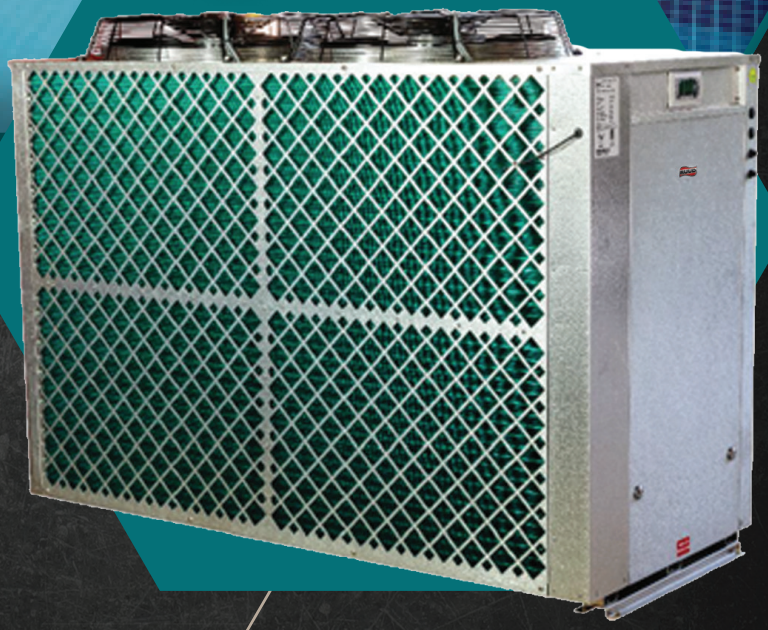
RELY ON RUUD™



WAVE SERIES

COMMERCIAL POOL INVERTER HEAT PUMPS

INVERTER TECHNOLOGY
Maximises efficiency and energy savings with EEV3

RAPID BOOST MODE
Maximum power on demand

NIGHT MODE
Reduces noise and running costs

RUUD IQ
Smart Heating
Smarter Savings

HEATING OR COOLING
Automatically maintains the perfect temperature

TOP OR SIDE DISCHARGE
Installation flexibility

COMBINING EFFICIENCY WITH NEXT-GENERATION DESIGN

Integrating the latest Inverter technology to optimise compressor and fan speed, the Ruud Wave sets new standards in efficiency and control. Central to its design is EEV3 which guarantees reliable, precise control to deliver optimal energy savings.

COMMITTED TO THE PLANET

Ruud achieves significant environmental benefits with R32 refrigerant, offering up to one-third lower global warming potential compared to the widely used R410A. Delivering the most balanced combination of low environmental impact, energy efficiency, and cost effectiveness.

SLEEK DESIGN, MAXIMUM IMPACT

The Ruud Wave proves that powerful performance needn't come with a large footprint. Its unique fan and coil design delivers compact efficiency, reducing space requirements without sacrificing heating power.

BUILT TO LAST

Marine grade aluminium construction, exclusive Ruud Cote anti corrosion treated evaporator and Titanium heat exchanger. Ruud Wave delivers on reliability.

NIGHT MODE PERFECT QUIET OPERATION AND BIG ENERGY SAVING

Night Mode delivers whisper-quiet operation and higher COP. Perfect for locations with noise restrictions and for high efficiency operation.

RUUD IQ® SMART HEATING, SMARTER SAVINGS

Ruud IQ® - the ingenuity behind the central control system - lies at the heart of the Ruud Wave. Its brilliance is in its capacity to intelligently adjust pool heating schedules, maximising moments of low-priced electricity to significantly reduce costs.
With Ruud IQ you will be swimming in savings!

SOLAR COMPATIBILITY

Designed to integrate with solar power, the Ruud Wave can adjust settings to optimise solar availability.

BUILDING MANAGEMENT SYSTEM

BMS integration gives full visibility to monitor the systems operation with BACnet or Modbus cards available.

PEACE OF MIND

Supported by nationwide team of technical and service professionals, you can rely on.

RUUD WAVE SERIES								
MODEL	**UNITS**	**RUHP067YT**	**RUHP098YT**	**RUHP133YT**	**RUHP203YT**	**RUHP250YT**	**RUHP393YT**	**RUHP525YT**
HEATING PERFORMANCE CONDITION: Air 27°C/ Water 26°C/ Humid. 80%								
Beast Mode Heating Capacity	kW	77.9	116.7	160.1	239.3	288.0	471.1	620.8
Heating Mode Capacity	kW	66.8	97.2	132.6	203.3	247.4	392.7	523.4
COP Heating Mode		6.8	6.8	6.7	6.7	7.2	6.8	7.2
Night Mode	kW	41.8	60.1	84	126.6	161.5	243.8	340.6
COP Night Mode		9.9	9.9	9.8	9.9	9.2	9.9	9.4
HEATING PERFORMANCE CONDITION: Air 15°C/ Water 26°C/ Humid. 80%								
Beast Mode Heating Capacity	kW	66.9	99.4	133.8	198.8	230.6	347.9	499.0
Heating Mode Capacity	kW	56.1	83.5	112.2	171.9	200.7	314.9	422.8
COP Heating Mode		5.7	5.8	5.7	5.7	5.6	5.5	5.6
Night Mode	kW	32.9	48.9	65.9	97.9	124.6	190	270.1
COP Night Mode		7.4	7.6	7.3	7.2	6.4	7.3	6.8
COOLING PERFORMANCE CONDITION: Air 35°C/ Water 26°C/ Humid. 80%								
Cooling Capacity	kW	30.6	45.7	61.2	91.3	127.4	182.6	254.7
TECHNICAL SPECIFICATIONS								
Max Outlet Temperature	°C	42	42	42	42	42	42	42
Power Supply (Voltage/Phase)		380-415 / 3	380-415 / 3	380-415 / 3	380-415 / 3	380-415 / 3	380-415 / 3	380-415 / 3
Frequency	Hz	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Min Circuit Breaker Size	Amps	32.0	40.0	65.0	80.0	125.0	150	250
Compressor Type		Inverter Scroll	Inverter Scroll	Inverter Scroll	Inverter Scroll	Inverter Scroll	Inverter Scroll	Inverter Scroll
Defrost		Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Refrigerant		R32	R32	R32	R32	R32	R32	R32
Noise dBa @ 3m	m	45-60	45-64	45-64	59-69	59-69	51-71*	59-77*
Heat Exchanger		Titanium	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium
Flowrate	L/s	5.0	7.5	10.0	15.0	18.0	30	36
Connections PVC	mm	50	80	80	100	100	150	150
Drain	mm	20	20	40	40	40	40	40
Air Discharge		Top/Side	Top/Side	Top	Top	Top	Top	Top
Number of Fans		2	2	2	2	2	8	6
Air Flow	L/s	3056	5278	7444	12778	12778	26667	35833
Dimensions HxWxL Top Discharge	mm	1860x807x1356	2380x1025x1800	2380x1135x1545	2835x1260x2110	2835x1260x2110	3465x1965x2350	4500x2265x2205
Dimensions HxWxL Side Discharge	mm	1860x945x1220	2380x1245x1575					
Approx Shipping Weight		350	450	750	1100	1300	2500	2800

Disclaimer: Heating Capacity reflects the summer performance being an air-on temperature of 27°C at 80% RH and a water temperature of 26°C. Ruud is continually seeking to improve the performance of its heating product. Product specification information provided above is correct at the date of publication, this data may change without notice. Product data should be verified at the time of order.

*These values are a combination of tested and theoretical data. Actual performance may vary based on unit installation and site conditions.

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