

Efficient Water Heating



Products

JHR18-190LD/YT/D

1-4 People
200 L Capacity

JHR25-300LD/YT/D

4+ People
300 L Capacity



Government Grants

- ✓ Federal STCs
- ✓ State Grants -  Victoria - VEEC / VEU
 New South Wales - ESC



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USES UP TO 75% LESS ENERGY

Harvest the free energy with the advanced Jiadele heat pump. This renewable energy water heating technology uses up to 75% less energy than a conventional water heater, whilst providing reliable hot water all day and night

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HOW IT WORKS



WIDE OPERATING RANGE

Operates as low as 5°C in ECO mode & between -20°C & 45°C with additional E-heat boost



AUTO DISINFECTION

Providing intuitive operation & helpful functions such as temp setting, timer & safety lock



TANK-WRAPPED CONDENSER COIL

For efficient heat transfer & preventing water contamination



POWER OUTAGE MEMORY

Protecting the condenser from icing for complete peace of mind

An energy-efficient hot water system such as the Jiadele heat pump is an excellent way for households to reduce their energy consumption and substantially reduce their cost of living. A heat pump provides a quick and easy replacement for your old energy-hungry electric water heater, reducing CO2 emissions by over 4 tonnes and saving you up to \$900* per year.



SMART TECHNOLOGY

Heat pumps utilise an ingenious technology to surround efficiently directly, and so do not rely on direct sun or fossil fuels to provide an energy source

AIR Heat pump extracts around **3kW** from surrounding air.

1 kW
Power Input

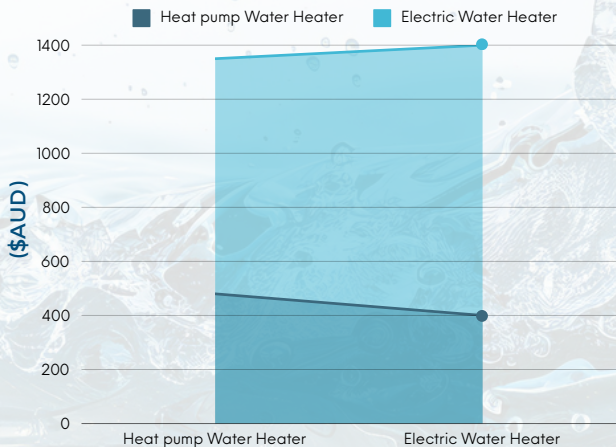


4kw
Energy into water heating

Did you Know?

Heat pumps utilise an ingenious technology to surround efficiently directly, and so do not rely on direct sun or fossil fuels to provide an energy source

Annual Running Costs (AUD)



ENERGY EFFICIENCY

Did you Know?

Water heating accounts for nearly a quarter of the average Australian home's energy use and greenhouse gas emissions.

FEATURES



Modern & Stylish

A stylish slim line single piece unit in top-mounted compressor with compact footprint



Highly Efficient

Produces significantly more heat energy than the power input; saving on purchased energy



Handy Controller

Providing intuitive operation & helpful functions such as temp setting, timer & safety lock



Built in Frost Protection

Protecting the condenser from icing for complete peace of mind

CERTIFICATES

STC - RESIDENTIAL CERTIFICATES

| Model | Size | Zone 1 | Zone 2 | Zone 3 | Zone 4 | Zone 5 |
|------------------|-------|--------|--------|--------|--------|--------|
| JHR18-190LD/YT/D | 190 L | 19 | 19 | 23 | 25 | 25 |
| JHR25-300LD/YT/D | 300 L | 18 | 18 | 22 | 23 | 23 |

VEEC - VICTORIA RESIDENTIAL CERTIFICATES

| Model | Size | | Zone 4 | Zone 5 |
|------------------|-------|----|--------|--------|
| JHR18-190LD/YT/D | 190 L | 1D | 14 | 13 |
| | | 3C | 9 | 8 |
| JHR25-300LD/YT/D | 300 L | 1D | 13 | 12 |
| | | 3C | 8 | 8 |

ESC - NSW RESIDENTIAL CERTIFICATES

| Model | Size | | |
|------------------|-------|-----|----|
| JHR18-190LD/YT/D | 190 L | D17 | 29 |
| | | D19 | 15 |
| JHR25-300LD/YT/D | 300 L | D17 | 28 |
| | | D19 | 14 |

PRODUCT SPECIFICATIONS

| | JHR18-190LD/YT/D | JHR25-300LD/YT/D |
|-------------------------------|-------------------------------------|-----------------------------------|
| PRODUCT DIMENSIONS | φ510*2190(190L) | φ640*1975(300L) |
| POWER SUPPLY | 220~240V/50HZ | 220~240V/50HZ |
| HEATING CAPACITY | 1750W | 2500W |
| RATED INPUT POWER | 585W | 835W |
| MAXIMUM INPUT POWER | 2585W | 2835W |
| MAXIMUM CURRENT | 12A | 13.15A |
| REFRIGERANT | R290 | R290 |
| COMPRESSOR | HIGHLY/ROTARY | GMCC/ROTARY |
| FOUR-WAY VALVE | SANHUA SHF-4 | SANHUA SHF-4 |
| THROTTLING DEVICE | ELECTRONIC EXPANSION VALVE | ELECTRONIC EXPANSION VALVE |
| CONDENSER | 7 HYDROPHILIC ALUMINUM FOIL | 7 HYDROPHILIC ALUMINUM FOIL |
| MOTOR | DC MOTOR | DC MOTOR |
| AXIAL-FLOW FAN | φ300 | φ320 |
| WIRE CONTROLLER | DIGITAL SCREEN, TOUCH BUTTONS | DIGITAL SCREEN, TOUCH BUTTONS |
| HIGH/LOW PRESSURE SWITCH | 2.8~2.4 MPA /0.05-0.15MPA | 2.8~2.4 MPA /0.05-0.15MPA |
| POWER CORD SPECIFICATIONS | NSW2601)3*1.5MM ² | (NSW2601)3*1.5MM ² |
| HOT WATER YIELD | 38L/H | 54L/H |
| MAX OUTLET WATER TEMPERATURE | 70 C | 70 C |
| RUNNING AMBIENT TEMPERATURE | -10~43 C | -10~43 C |
| WATERPROOF LEVEL | IPX4 | IPX4 |
| NOISE LEVEL | ≤48DB(A) | ≤50DB(A) |
| GROSS WEIGHT/NET WEIGHT | 97/104KG | 126/137KG |
| OUTER TANK MATERIAL | GALVANIZED SHEET PAINTING | GALVANIZED SHEET PAINTING |
| INNER TANK MATERIAL | ENAMEL | ENAMEL |
| INLET/OUTLET PORT SIZE | G3/4" | G3/4" |
| HEAT EXCHANGER TYPE | MICROCHANNEL HEAT EXCHANGER | MICROCHANNEL HEAT EXCHANGER |
| BUILT-IN PRESSURE PROTECTION | 0.8MPA | 0.8MPA |
| AUXILIARY ELECTRIC HEATING | 2000W | 2000W |
| STORAGE SIZE | 190L | 300L |
| PACKING DIMENSIONS(L X W X H) | 1140*1160*2350MM/ 4 SETS PER PALLET | 740*1480*2220MM/2 SETS PER PALLET |

Get in touch with Us



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