

# 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

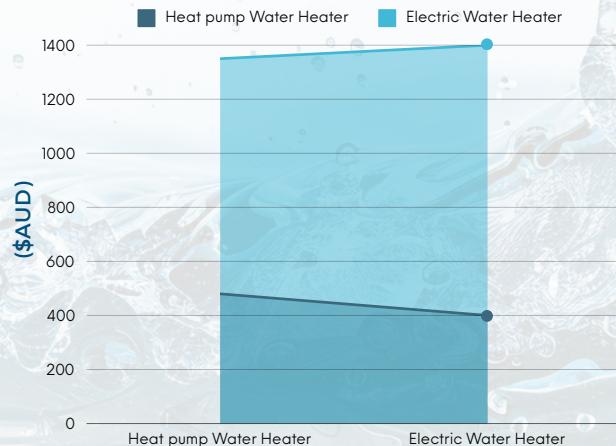
Energy into water heating



### 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

# PRODUCT SPECIFICATIONS

	JHR18-190LD/YT/D	JHR25-300LD/YT/D
PRODUCT DIMENSIONS	ø510*2190(190L)	ø640*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	ø300	ø320
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 <sup>2</sup>	(NSW2601) 3*1.5MM <sup>2</sup>
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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