

Description

150L Heat Pump

Model

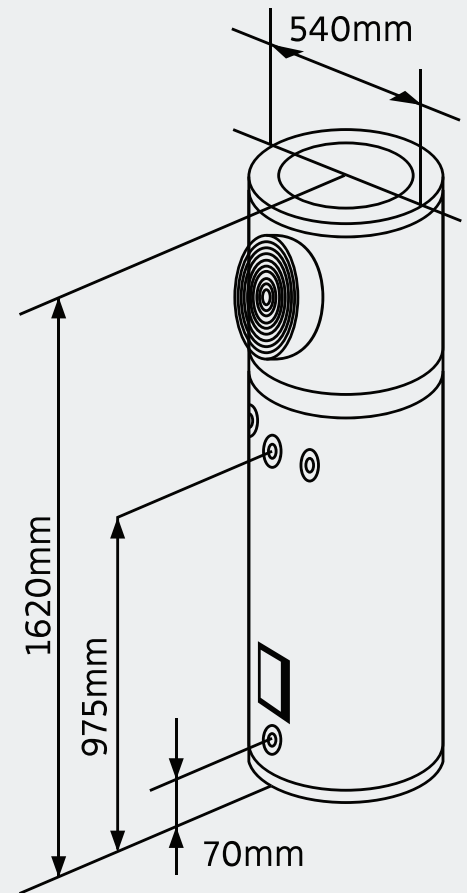
150-08AC6-290

Dimensions

1620 x 540mm

Hot Water Production Rate L/hr (COP)

72 (4.30)



Specifications

Storage Size	150L
Rated Delivery	130L
Heating Output	3.61kW
Power Input	0.84kW
COP of Heating	4.3
Water Temp Setting	58°C
Maximum Tank Temp Setting	60°C
Compressor	Rotary
Refrigerant	R290
Electrical Supply	220-240V/50Hz/1Ph
Circuit	10 Amps

Water Connections	RC3/4"
PTR Valve Setting	850kPa
Expansion Ctrl Valve (ECV) Setting	700kPa
PLV (without ECV fitted / with ECV fitted)	500kPa / 350 - 500kPa
Operating Sound Level (1.5M)	50dB
Nett (Empty) Weight	100kg
Ambient Air Operating Temperature	-15°C to +40°C
Warranty	5 years (5 years tank, 2 years electric and refrigeration)*

Make your next water heater a Quantum heat pump.

For more information call 1800 644 705 or visit quantumenergy.com.au

*Refer to quantumenergy.com.au for warranty details or call 1800 644 705 | Under its policy of ongoing product development, Quantum Energy may from time to time change product specification without notice. All dimensions given are approximate and should be checked prior to installation.



Hot water production rate

Ambient Temperature	Hot Water Production Rate (COP)
35°C	110LPH (5.55)
30°C	98LPH (5.12)
25°C	85LPH (4.73)
20°C	72LPH (4.30)
15°C	58LPH (3.88)
10°C	48LPH (3.45)
5°C	38LPH (3.45)
0°C	31LPH (2.60)
-5°C	26LPH (2.18)
-10°C	24LPH (1.75)

Applications

Suitable for small households and limited commercial applications (excluding recirculating systems).



3 People



1 Bath



Small Business

Government Rebates Available

Federal Government Grants Small-Scale Technology Certificate (STCs)

Quantum heat pumps systems are eligible for grants through the Federal Governments Small-scale Renewable Energy Scheme. These grants are called Small-scale Technology Certificates (STCs) and are offered based on how sustainable a hot water system is. Your STC rebate value will depend on your installation location and size of system selected.

Please visit www.rec-registry.gov.au/rec-registry/app/calculators/swh-stc-calculator to calculate your STCs.

State Grants

NSW State Government Rebates

New South Wales customers there are additional rebates for replacing inefficient hot water systems with Quantum Heat Pumps. Energy Savings Certificates (ESCs) are offered for eligible installations on top of the Federal STC grants. There are several activities which create ESC's as follows:

(subject to ACP Terms and Conditions)

- IHEAB – Replacing an existing commercial gas or electric hot water system with Quantum Heat Pumps. Only applies to commercial buildings.
- PDRS (Peak Demand Reduction Scheme) – Replacing an existing electric hot water system with a Quantum Heat Pump.
- HEER – Replacing an existing electric or gas storage hot water system with a Quantum Heat Pump at a residential property.

For more information please visit:

www.energysustainabilityschemes.nsw.gov.au/ESS

Victoria State Government Rebates

For Victorian customers there are additional rebates for replacing inefficient hot water systems with Quantum Heat Pumps. Victorian Energy Efficiency Certificates (VEECs) are offered for eligible installations on top of the Federal STC grants (except under Activity 44). There are several activities which create VEECs as follows:

(subject to ACP Terms and Conditions)

- Activity 1D – Replacing an electric resistance hot water system with a Quantum Heat Pump in a residential setting.
- Activity 3C – Replacing a gas hot water system with a Quantum Heat Pump in a residential setting.
- Activity 44A – Replacing a gas hot water system with a Heat Pump in a business or commercial setting.
- Activity 44B – Replacing an electric hot water system with a Quantum Heat Pump in a business or commercial setting.
- Activity 44C – Installing a new Quantum Heat Pump in a business or commercial setting.

For more information please visit:

www.veu-registry.vic.gov.au/Public/Public.aspx

SA State Government Rebate

For South Australian residential customers there is an additional rebate for replacing electric hot water systems with a Quantum Heat Pump.

- Activity WH1 – Replace or Upgrade Water Heater (Residential and Small Energy Consuming Customers Only) www.energymining.sa.gov.au/industry/energy-efficiency-and-productivity/retailer-energy-productivity-scheme-reps/reps-activity-specifications

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Description

200L Heat Pump

Model

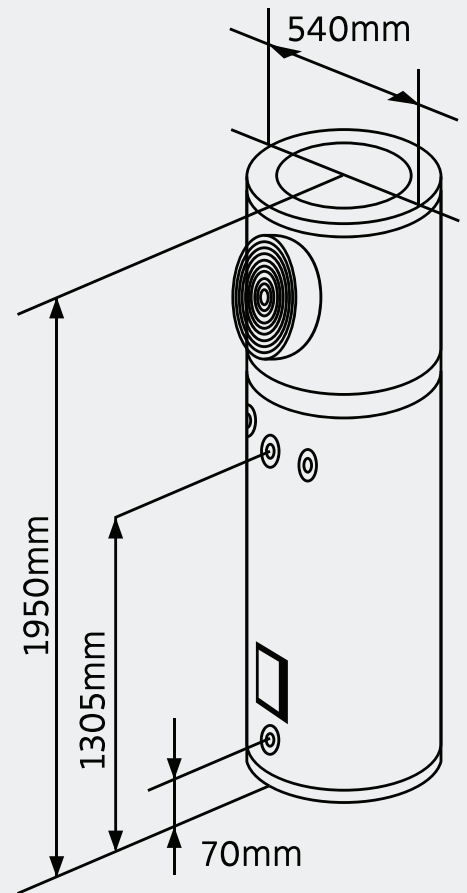
200-08AC6-290

Dimensions

1950 x 540mm

Hot Water Production Rate L/hr (COP)

72 (4.30)



Specifications

Storage Size	200L
Rated Delivery	175L
Heating Output	3.61kW
Power Input	0.84kW
COP of Heating	4.3
Water Temp Setting	58°C
Maximum Tank Temp Setting	60°C
Compressor	Rotary
Refrigerant	R290
Electrical Supply	220-240V/50Hz/1Ph
Circuit	10 Amps

Water Connections	RC3/4"
PTR Valve Setting	850kPa
Expansion Ctrl Valve (ECV) Setting	700kPa
PLV (without ECV fitted / with ECV fitted)	500kPa / 350 - 500kPa
Operating Sound Level (1.5M)	50dB
Nett (Empty) Weight	115kg
Ambient Air Operating Temperature	-15°C to +40°C
Warranty	5 years (5 years tank, 2 years electric and refrigeration)*

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Hot water production rate

Ambient Temperature	Hot Water Production Rate (COP)
35°C	110LPH (5.55)
30°C	98LPH (5.12)
25°C	85LPH (4.73)
20°C	72LPH (4.30)
15°C	58LPH (3.88)
10°C	48LPH (3.45)
5°C	38LPH (3.45)
0°C	31LPH (2.60)
-5°C	26LPH (2.18)
-10°C	24LPH (1.75)

Applications

Suitable for small to medium households and limited commercial applications (excluding recirculating systems).



4 People



2 Bath



Small Business

Government Rebates Available

Federal Government Grants Small-Scale Technology Certificate (STCs)

Quantum heat pumps systems are eligible for grants through the Federal Governments Small-scale Renewable Energy Scheme. These grants are called Small-scale Technology Certificates (STCs) and are offered based on how sustainable a hot water system is. Your STC rebate value will depend on your installation location and size of system selected.

Please visit www.rec-registry.gov.au/rec-registry/app/calculators/swh-stc-calculator to calculate your STCs.

State Grants

NSW State Government Rebates

New South Wales customers there are additional rebates for replacing inefficient hot water systems with Quantum Heat Pumps. Energy Savings Certificates (ESCs) are offered for eligible installations on top of the Federal STC grants. There are several activities which create ESC's as follows:

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- IHEAB – Replacing an existing commercial gas or electric hot water system with Quantum Heat Pumps. Only applies to commercial buildings.
- PDRS (Peak Demand Reduction Scheme) – Replacing an existing electric hot water system with a Quantum Heat Pump.
- HEER – Replacing an existing electric or gas storage hot water system with a Quantum Heat Pump at a residential property.

For more information please visit:

www.energysustainabilityschemes.nsw.gov.au/ESS

Victoria State Government Rebates

For Victorian customers there are additional rebates for replacing inefficient hot water systems with Quantum Heat Pumps. Victorian Energy Efficiency Certificates (VEECs) are offered for eligible installations on top of the Federal STC grants (except under Activity 44). There are several activities which create VEECs as follows:

(subject to ACP Terms and Conditions)

- Activity 1D – Replacing an electric resistance hot water system with a Quantum Heat Pump in a residential setting.
- Activity 3C – Replacing a gas hot water system with a Quantum Heat Pump in a residential setting.
- Activity 44A – Replacing a gas hot water system with a Heat Pump in a business or commercial setting.
- Activity 44B – Replacing an electric hot water system with a Quantum Heat Pump in a business or commercial setting.
- Activity 44C – Installing a new Quantum Heat Pump in a business or commercial setting.

For more information please visit:

www.veu-registry.vic.gov.au/Public/Public.aspx

SA State Government Rebate

For South Australian residential customers there is an additional rebate for replacing electric hot water systems with a Quantum Heat Pump.

- Activity WH1 – Replace or Upgrade Water Heater (Residential and Small Energy Consuming Customers Only) www.energymining.sa.gov.au/industry/energy-efficiency-and-productivity/retailer-energy-productivity-scheme-reps/reps-activity-specifications

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Description

270L Heat Pump

Model

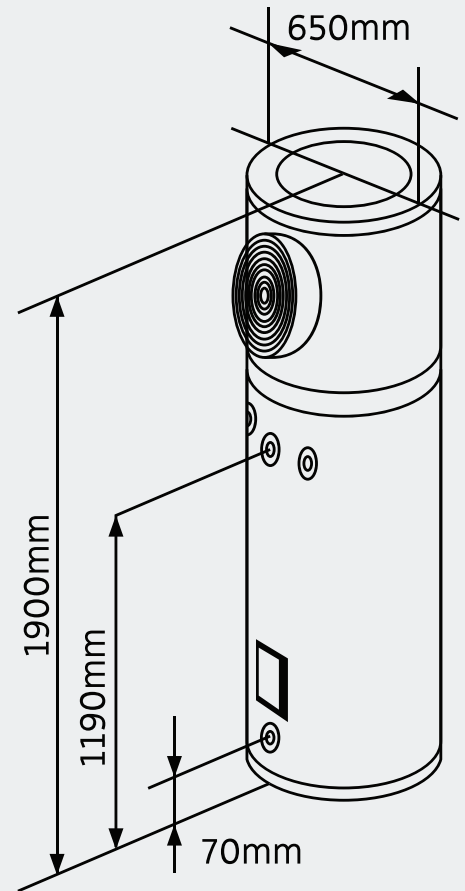
270-08AC6-290

Dimensions

1900 x 650mm

Hot Water Production Rate L/hr (COP)

75 (4.53)



Specifications

Storage Size	270L
Rated Delivery	250L
Heating Output	3.81kW
Power Input	0.84kW
COP of Heating	4.53
Water Temp Setting	58°C
Maximum Tank Temp Setting	60°C
Compressor	Rotary
Refrigerant	R290
Electrical Supply	220-240V/50Hz/1Ph
Circuit	10 Amps

Water Connections	RC3/4"
PTR Valve Setting	850kPa
Expansion Ctrl Valve (ECV) Setting	700kPa
PLV (without ECV fitted / with ECV fitted)	500kPa / 350 - 500kPa
Operating Sound Level (1.5M)	48dB
Nett (Empty) Weight	135kg
Ambient Air Operating Temperature	-15°C to +40°C
Warranty	5 years (5 years tank, 2 years electric and refrigeration)*

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Hot water production rate

Ambient Temperature	Hot Water Production Rate (COP)
35°C	113LPH (5.75)
30°C	102LPH (5.42)
25°C	89LPH (4.98)
20°C	75LPH (4.53)
15°C	61LPH (4.08)
10°C	51LPH (3.64)
5°C	42LPH (3.19)
0°C	33LPH (2.75)
-5°C	29LPH (2.30)
-10°C	26LPH (1.86)

Applications

Suitable for average households and limited commercial applications (excluding recirculating systems).



5 People



2 Bath



Small Business

Government Rebates Available

Federal Government Grants Small-Scale Technology Certificate (STCs)

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State Grants

NSW State Government Rebates

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Victoria State Government Rebates

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SA State Government Rebate

For South Australian residential customers there is an additional rebate for replacing electric hot water systems with a Quantum Heat Pump.

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Description

340L Heat Pump

Model

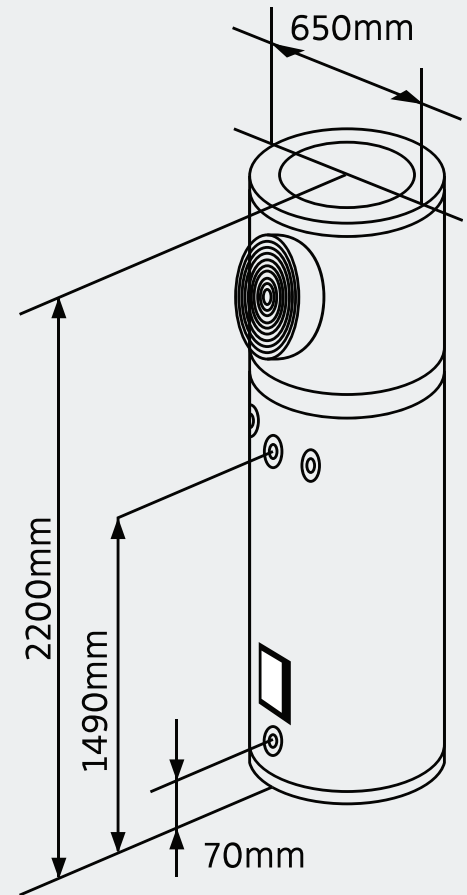
340-08AC6-290

Dimensions

2200 x 650mm

Hot Water Production Rate L/hr (COP)

75 (4.53)



Specifications

Storage Size	340L
Rated Delivery	315L
Heating Output	3.81kW
Power Input	0.84kW
COP of Heating	4.53
Water Temp Setting	58°C
Maximum Tank Temp Setting	60°C
Compressor	Rotary
Refrigerant	R290
Electrical Supply	220-240V/50Hz/1Ph
Circuit	10 Amps

Water Connections	RC3/4"
PTR Valve Setting	850kPa
Expansion Ctrl Valve (ECV) Setting	700kPa
PLV (without ECV fitted / with ECV fitted)	500kPa / 350 - 500kPa
Operating Sound Level (1.5M)	48dB
Nett (Empty) Weight	170kg
Ambient Air Operating Temperature	-15°C to +40°C
Warranty	5 years (5 years tank, 2 years electric and refrigeration)*

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10°C	51LPH (3.64)
5°C	42LPH (3.19)
0°C	33LPH (2.75)
-5°C	29LPH (2.30)
-10°C	26LPH (1.86)

Applications

Suitable for large households and limited commercial applications (excluding recirculating systems).



7 People



3 Bath



Small Business

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