

# Haier

## Heat Pump Water Heaters Monoblock + Split System

Significantly more efficient than traditional electric water heaters.





## Our Brand

Empowering smarter, happier, and healthier living, Haier leads with smart technologies across a range of home appliances. As the top global major appliances brand for over a decade, Haier's products are designed to enable better living through innovation.\*



### Award Winning

#1 SMART AIR  
CONDITIONING BRAND  
IN THE WORLD\*\*



### Global Scale

OPERATING IN  
160 COUNTRIES



### Innovation + Quality

10 R&D CENTRES  
GLOBALLY



### Service + Support

NATIONWIDE  
SUPPORT

### Heating and cooling expertise

Haier is the world's largest manufacturer of electric hot water systems. We have been making hot water products since 1986 and during that time have sold over 200 million systems around the globe. Haier has been manufacturing efficient electric heat pump systems since 2010 and have sold over 5 million units during this time.

Founded in China in 1984, Haier has consistently prioritised understanding its customers' unique needs. This customer-centric approach has fueled the development of smart home appliances that blend technological innovation with functionality. Haier's unwavering focus on smart ecosystems has propelled it to the forefront of the industry, making it the world's leading brand of connected air conditioners in 2023 with an impressive market share of over 33% in volume sales.\*\*

In Australasia, Haier's strength is complemented by Fisher & Paykel, a trusted brand that is now part of the Haier Group. Together, they leverage Haier's global reach and Fisher & Paykel's local service network to provide industry-leading products and support to our customers in Australia and New Zealand.

\* Data source: Euromonitor International Limited; Consumer Appliances 2024ed, % unit share, 2023 volume sales data. Major Appliances category is the sum of dishwashers, home laundry appliances, large cooking appliances, microwaves and refrigeration appliances. Volume sales refers to sales in retail channel, builder merchants and construction channel.

\*\* Data source: Euromonitor International Ltd., measured in terms of retail sales volume in 2023, based on research completed by February 2024. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.

## An energy-efficient way to heat your water

Heat Pump Water Heaters bring new innovation to hot water heating – using less energy than standard electric water heaters.\*

Monoblock



Split System



### Efficient design

Haier heat pump technology results in a 64% to 79% reduction in the amount of electricity used to heat the same volume of water, compared to a traditional electric resistance water heater.\* Heat is drawn in from the surrounding ambient air, with electricity only used for the compressor and the fan, rather than using it to heat the water directly through an electrical element.

### Respect for the planet

Haier heat pump hot water systems have lower electricity use,\* and use low impact refrigerants. They also complement solar PV set-ups, prioritising solar energy to reduce electricity use.\*\*

### Connected home

We believe in integrating smart technology into the heart of every home. The SmartHQ™ app puts control in your hands, allowing you to adjust heating as your hot water needs change – and do it from anywhere.

Change between five user modes using SmartHQ™ on your smartphone: Auto mode, Eco mode with Solar PV mode, Electric mode, Vacation mode and Boost.

\* Energy savings of 64-79% are based on the Haier heat pump water heater range, when compared to a standard resistive electric storage water heater in Zones 1 to 5 in AS/NZS4234.  
\*\* Compared to electric resistance and gas models.



# Monoblock

200L, 250L

## Respect for the planet

Highly efficient compared to electric resistance or gas water heaters, complements solar PV systems, runs only on electricity, and uses the natural refrigerant R290.



## Lower running costs

The heat pump technology results in a 70-79% reduction in electricity used to heat the same volume of water compared to an electric-resistance water heater.\*

## Expansive operating range

Performance in most New Zealand climates from  $-7^{\circ}\text{C}$  to  $45^{\circ}\text{C}$  ambient air temperature.

LOWEST OPERATING RANGE

  $-7^{\circ}\text{C}$

HIGHEST OPERATING RANGE

  $45^{\circ}\text{C}$

## Adapts to your life

Use the SmarthQ™ app on your smartphone to easily select from five modes to best suit your needs, allowing you to adjust heating to lower-cost periods, minimise energy use when you're on holidays, or prioritise solar energy to reduce grid-supply if you have solar PV.



\*Energy savings of 70-79% are based on Haier Monoblock 200L and 250L when compared to a standard electric storage water heater in Zones 1 to 5 in AS/NZS4234.

# Split System

280L

## Lower running costs

Uses only about  $\frac{1}{3}$  of the electricity of a traditional electric resistance heater to heat the same volume of water.\*

**HAIER SPLIT SYSTEM** 64-68% less energy used than electric resistance water heaters\*

## Fast hot water recovery

Perfect for large families and homes in colder regions thanks to quick water reheating, with an impressive 4.58kW heating capacity and a boost function for even faster hot water recovery on the occasional high water use days.

## Low impact refrigerant

This heat pump water heater uses low-impact R32 refrigerant, and is able to complement solar PV systems for lower grid-electricity use.

GLOBAL WARMING POTENTIAL (GWP)



## Installation flexibility

With the heat pump unit split from the cylinder, you have the flexibility to place the heat pump unit outside away from noise sensitive areas and the cylinder outside or inside nearby, in a discrete area.

## Adapts to your life

The built in Wi-Fi module and SmartHQ™ app allows control of your heat pump water heater from anywhere. Change between five user modes, allowing you to adjust heating to lower cost periods, minimise energy use when you're away, or to prioritise solar energy on a sunny day if you have solar PV.



\* Energy savings of 64-68% are based on Haier Split System 280L when compared to a standard resistive electric storage water heater in Zones 1 to 5 in AS/NZS4234.

## Respect for the Planet

Haier's Monoblock is a one piece water heater that uses heat pump technology and careful design to create an energy-efficient, high performance water heater. The Split System uses considered technologies and materials to help reduce our impact on the planet, including the ability to integrate with your solar PV system.



### Reduced running costs

The heat pump technology results in a 70 to 79%\* (Monoblock) and 64 to 68%\*\* (Split System) reduction in electricity used to heat the same volume of water compared to an electric resistance heater. This is likely to lower your electricity bill and save you money every year.

### Low GWP refrigerant

Our Monoblock Heat Pump Water Heaters use R290 which has a GWP of 3. Many heat pumps use R134A. R290 has a global warming potential that is 476 times lower than R134A. Split Heat Pump Water Heaters use R32 refrigerant, a next generation refrigerant that efficiently carries heat and has a significantly lower environmental impact than its predecessors. The GWP (Global Warming Potential) of R32 is 675, nearly half as much as R134A, which is used by many heat pump water heaters.

### Eco mode for lower electricity use

Eco mode optimises the benefits of solar PV and lower cost, time-of-use electricity when you have a separate solar PV system. With Solar PV mode, your heat pump water heater integrates with your solar PV system to maximise consumption of PV solar-generated energy, which can help to reduce your power bill.

### Solar PV ready

If you have a solar PV system, surplus solar energy it generates can be stored in the tank as hot water, reducing the use of grid-supplied energy. In Solar PV mode, the Heat Pump Water Heater receives a signal from the solar PV system, notifying it that generated energy is available to use. It uses the available solar PV energy to heat water at up to 75 degrees, storing it for later use.

\* Energy savings of 70-79% are based on Haier Monoblock 200L and 250L when compared to a standard electric storage water heater in Zones 1 to 5 in AS/NZS4234.  
\*\* Energy savings of 64-68% are based on Haier Split System 280L when compared to a standard resistive electric storage water heater in Zones 1 to 5 in AS/NZS4234.

## Efficient Design

Haier Heat Pump Water Heaters have been designed to give you hot water reheating efficiency. The Split System has flexibility in installation location and the Monoblock has been designed to make installation as simple and familiar as possible.

### Designed for efficiency

No more electric heating element to heat water – instead this system uses efficient heat pump technology. This technology, which transfers heat from the air to the water in the tank instead of heating via electricity alone, results in a reduction in electricity of 70 to 79%\* (Monoblock) and 64 to 68%\*\* (Split System) to heat the same volume of water compared to a traditional electric resistance water heater.

### Fast reheating

Water reheats fast in the Split System with a heating capacity of 4.58kW, the largest in our heat pump water heater range, meaning that even if a large volume of water has been consumed, fresh water is rapidly heated to keep the hot water flowing.

### Longevity

Using patented technology with a triple layer protection creates a long lasting, corrosion-resistant inner tank. The inner tank is tested to over 160,000 cycles to ensure durability over the expected lifetime.

### Easy installation

Monoblock requires the same installation procedure as an electric storage water heater. If located in the same position, there's minimal need for additional valves or pipe layout changes, making it easy to swap from an electric resistance water heater. With the Split System heat pump split from the cylinder, you have the flexibility to place the heat pump unit outside away from noise sensitive areas and the cylinder outside or inside in a discrete area.

### Heat boost

The Split System has a back up booster of 2.6kW and built in "one-time boost" further help with fast recovery when hot water use has been particularly high.

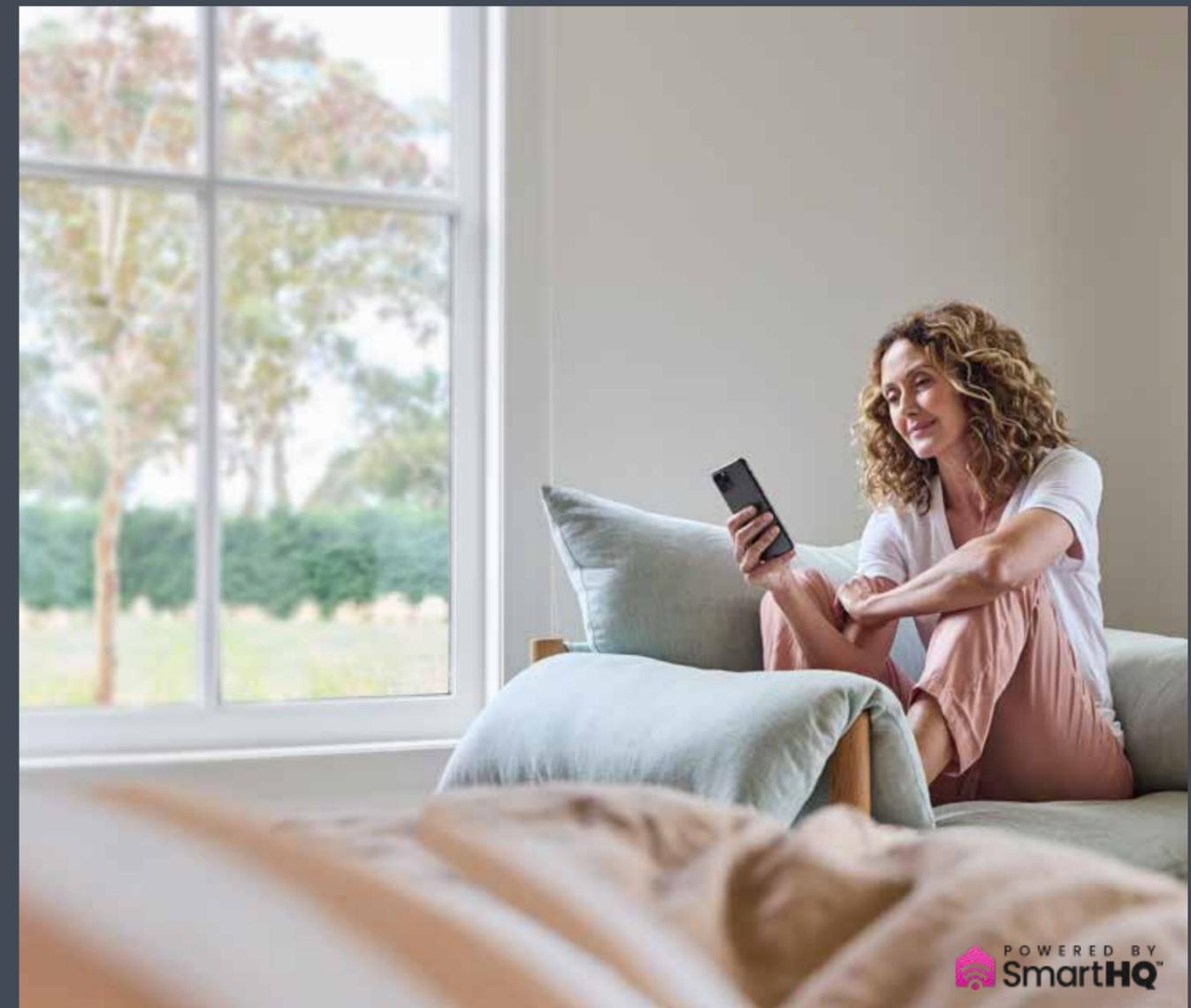
### Quiet operation

With an operating noise level of 43dBA (Monoblock) and 52dBA (Split System) at a distance of one metre, Haier Heat Pump Water Heaters are quiet. The outdoor unit can be located away from noise sensitive areas of the home, helping with a good night's sleep even while your heat pump works hard.

## Connected Home

We believe in integrating smart technology into the heart of every home. The SmartHQ™ app puts control in your hands, allowing you to adjust heating as your hot water needs change – and do it from anywhere.

Change between five user modes using SmartHQ™ on your smartphone: Auto mode, Eco mode with Solar PV mode, Electric mode, Vacation mode and Boost.



# Specifications

## Monoblock Heat Pump Water Heater

Model HP200M1-U1



Model HP250M1-U1

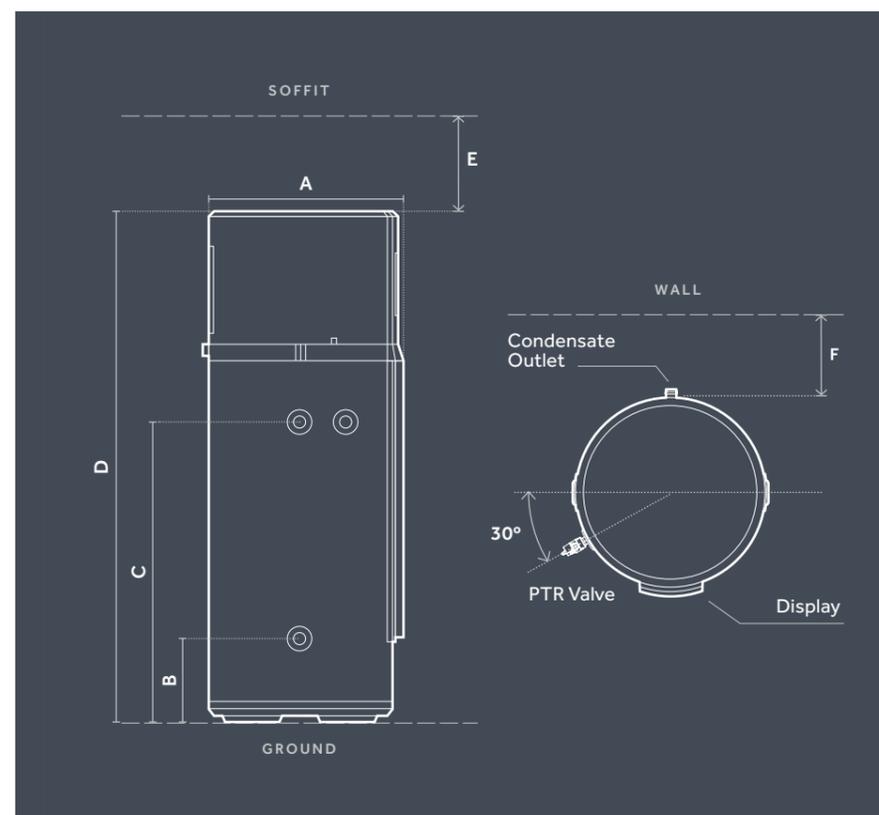


## Installation dimensions and clearances\*

	HP200M1-U1	HP250M1-U1
A	630	630
B	267	267
C	979	1272
D	1658	1951
E*	300	300
F*	>100	>100

### UNITS IN MM

Product weight (empty)	91kg	106kg



\*Installation Clearances to soffits. Note: This appliance must be installed in a location where it can be quickly and easily drained and moved to a location with 1000mm clearance above the appliance. This is so the anode can be removed for checking and replacing during the 5 yearly service.

Model	HP200M1-U1	HP250M1-U1
<b>Tank</b>		
Total water capacity	195L	246L
Rated voltage/ frequency	220-240V/50Hz	20-240V/50Hz
PTR setting	700kPa	700kPa
Ingress protection	IPX4	IPX4
Hot & cold inlet connections	¾" RP	¾" RP
PTR connection	¾" RP	¾" RP
COP* @ 20°C/15°C	4.49	4.48
Power input of electric element	1.5kW	1.5kW
Rated power input of heat pump	0.43kW	0.43kW
Maximum power input of heat pump	0.75kW	0.75kW
Maximum power input of the appliance	2.25kW	2.25kW
Average heating capacity by heat pump	2.0kW	2.0kW
Default temperature setting	60°C	60°C
Heating range (with element)	35°C – 75°C	35°C – 75°C
Heating range (heat pump only)	35°C – 65°C	35°C – 65°C
Refrigerant type / weight	R290/0.34kg	R290/0.34kg
Noise	43dB(A)	43dB(A)
Ambient temperature range	-7-45°C	-7-45°C

\*Performance (20°C/15°C Ambient air temperature, 15°C -55°C water temperature)  
 \*The COP was measured under test conditions with an ambient air temperature of 20°C/15°C (Dry Bulb/Wet Bulb) and heating of the water from 15°C to 55°C during water heater operation.  
 \*The noise level was measured at 1 m from the water heater during a Noise Test conducted to Standard GB/T 23137 in a hemi-anechoic chamber within a laboratory

		Performance							
		HP200M1-U1				HP250M1-U1			
Air temp (°C)	Cold water temp (°C)	Recovery time (hours)	Recovery rate (L/Hr)	Average heating capacity (kW)	Coefficient of Performance (COP)	Recovery time (hours)	Recovery rate (L/Hr)	Average heating capacity (kW)	Coefficient of Performance (COP)
19	15	5.6	35	2.1	4.5	6.9	36	2.2	4.5
9	8	8.2	24	1.6	3.5	10.6	23	1.6	3.5
2	8	10.2	19	1.2	2.9	12.3	20	1.2	2.9

Performance results are measured as per AS/NZS 5125.1:2014.

# Specifications

## Split System Heat Pump Water Heater

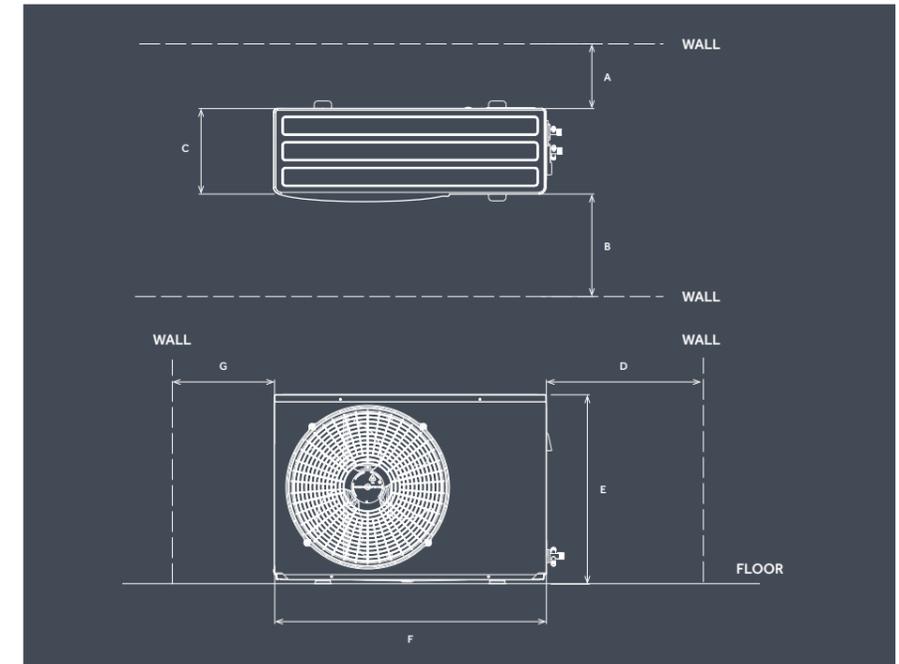
### Model HP300S2-F7

(This kit contains the models: THP300S2-F7 & EHP50 S2-F7)



	EHP50 S2-F7
A	<200
B	<600
C	123
D	>600
E	545
F	780
G	>200

UNITS IN MM

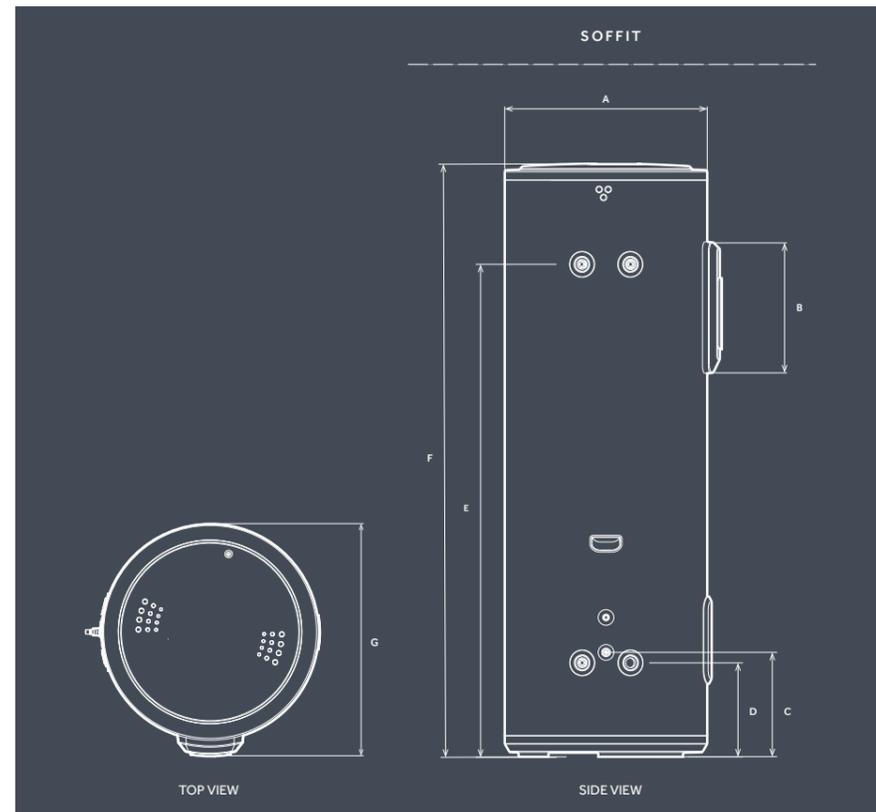


## Installation dimensions and clearances\*

	THP300S2-F7
A	600
B	194
C	299
D	269
E*	1410
F*	1694
G	622

UNITS IN MM

Product weight (empty)	86kg
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\*Installation Clearances to soffits. Note: This appliance must be installed in a location where it can be quickly and easily drained and moved to a location with 1000mm clearance above the appliance. This is so the anode can be removed for checking and replacing during the 5 yearly service.

Model	HP300S2-F7
<b>Tank</b>	
Total water capacity	276L
Rated voltage/ frequency	220-240V/50 Hz
PTR setting	700kPa
Ingress protection	IPX4
Hot & cold inlet connections	3/4" RP
PTR connection	3/4" RP
COP* @ 20°C/15°C	4.48
Power input of electric element	2.6kW
Rated power input of appliance	4.3kW
Average power input of the heat pump	1.19kW
Pair coil tube and connection size - Liquid line	1/4" (6.35mm) / (1/16 - 20UNF)
Pair coil tube and connection size - Suction line	3/8" (9.52mm) / (5/8 - 18UNF)
Maximum power input of the heat pump	1.7kW
Average heating capacity of the heat pump	4.58kW
Default temperature setting	55°C
Heating range (with element)	35°C - 75°C
Heating range (heat pump only)	35°C - 55°C
Refrigerant type / weight	R32/0.93kg
Refrigerant pipe length	min. 1m - max. 8m
Noise	52dB(A)
Ambient temperature range	-15-45°C

		Performance			
		HP300S2-F7			
Air temp (°C)	Cold water temp (°C)	Recovery time (hours)	Recovery rate (L/Hr)	Average heating capacity (kW)	Coefficient of Performance (COP)
19	15	2.5	110	0	4.3
7	8	4.15	67	0	3.6
2	8	4.39	63	0	2.9

\* Performance (20°C/15°C Ambient air temperature, 15°C -55°C water temperature)  
 \* The COP was measured under test conditions with an ambient air temperature of 20°C/15°C (Dry Bulb/Wet Bulb) and heating of the water from 15°C to 55°C during water heater operation.  
 \* The noise level was measured at 1 m from the water heater during a Noise Test conducted to Standard GB/T 23137 in a hemi-anechoic chamber within a laboratory

Performance results are measured as per AS/NZS 5125.1:2014. Performance testing completed with a 3m distance between the heat pump unit and the cylinder.

# Warranty and Support

## Warranty

With a warranty of up to 7 years on the cylinder, you have peace of mind.

		Cylinder	Refrigeration Components*	Other Components^
Domestic Use	Parts	7 years	5 years	5 years
	Labour	5 years	5 years	5 years
Commercial Use	Parts	1 year	1 year	1 year
	Labour	1 year	1 year	1 year

\*Refrigeration components refer to the entire heat pump unit including condenser, the compressor, expansion valves and associated pipework. It also refers to the microchannel, valves and pipework within the cylinder unit.

^Other components include all electrical components such as printed circuit boards, the user interface, electrical heating elements, sensors, along with all plumbing valves and sacrificial anodes.

## Local Customer Care

With nation-wide Customer Care support and local warehousing of spare parts, if there is an issue with your water heater, we will help you get back up and running as quickly as possible.



# Haier

# Pinnacle Wall-Mounted Split System

Heating and cooling with air purification for true comfort.



# Key Features Pinnacle

2.5, 3.5, 5.0, 7.0kW



## Continuously Clean Air

Air is purified through a combination of air filtration through the Exquisite Filter, an additional tri-colour filter as well as UV Protect Sterilisation. With a push of a button, your heat pump initiates Self-Clean, reducing dust and bacteria and also improves efficiency by keeping the heat exchanger clean.

## Inhibits Airborne Germs

Health Mode uses UV Protect Sterilisation – ultraviolet LED technology used in hospital surface disinfection – to help inhibit airborne bacteria and viruses. The built-in LED UV lights have been shown to inhibit airborne bacteria and viruses at more than 91% effectiveness under specific test conditions.\*

## Modern Design

Softly curved, matte design seamlessly fits into almost any space. Progressive design isn't just aesthetics, from the use of a low Global Warming Potential refrigerant to Wi-Fi connectivity and wireless control through the SmartHQ™ app, Pinnacle is future-focussed.

## Intelligent Airflow

Highly engineered airflow to automatically direct warm or cool air for ideal air circulation, air throw of up to 20m and Turbo Cool for fast cooling relief, all designed to create consistent comfort.

\* Independent testing has found 91.47% elimination of the H3N2 virus in a 30m2 closed room and 92.78% of Staphylococcus aureus bacteria in a 10m3 closed room, for two hours on Health mode at the highest fan speed.

# Healthy Air

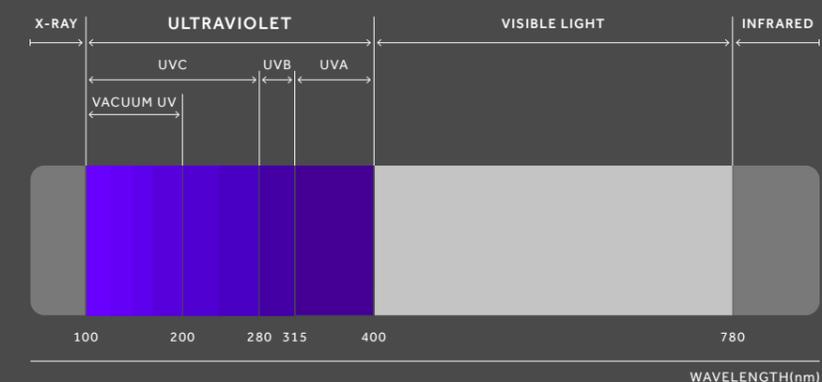
Focusing on air quality, Haier has developed a range of technologies that help to keep your heat pump clean, functioning efficiently, and putting out fresh, clean air into your home.



## UV Protect Sterilisation

UV Protect helps to deliver clean air to your room using Health mode, with built-in LED UV lights that kill airborne Staphylococcus aureus bacteria and the H3N2 virus at more than 91% effectiveness under specific test conditions.\*

### UV STERILISATION



## Self-Clean on Outdoor Unit

In addition to the self-cleaning technology within the indoor unit, Pinnacle has a self clean function for the outdoor unit, helping avoid corrosion. By activating freeze-and-defrost Cold Expansion technology, which loosens, then flushes, salt and dirt away from the outdoor coil, you keep your outdoor unit cleaner, effortlessly.

## Cleaner Indoor Air

The Self-clean function rapidly freezes and defrosts the coil to remove unwanted dirt, mould, and dust. Self-clean technology helps ensure clean airflow from your heat pump.



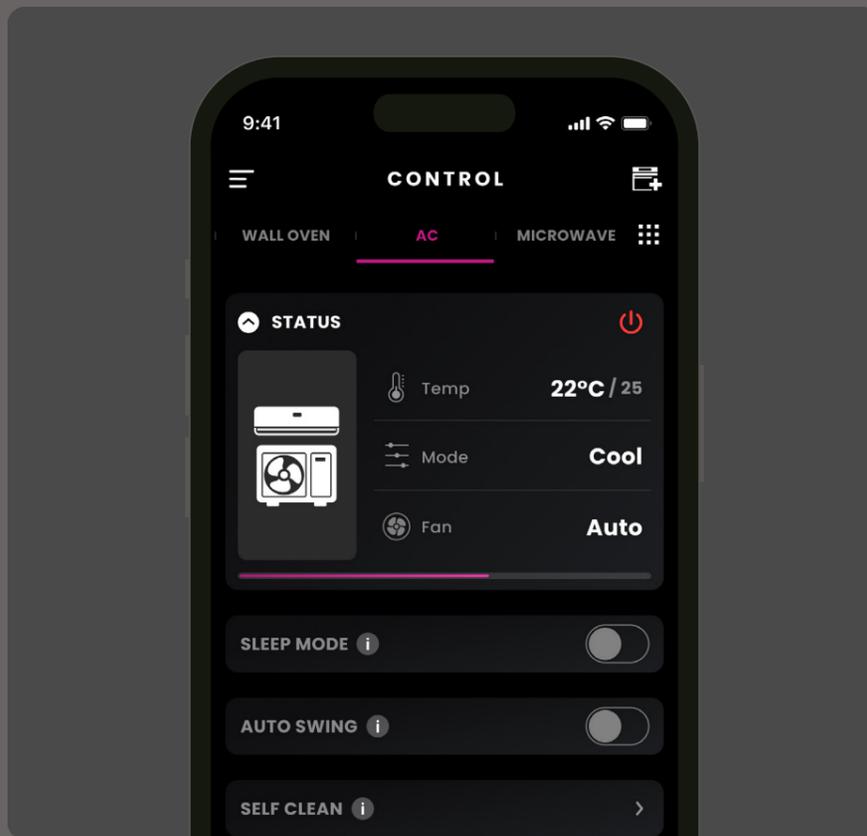
## Antibacterial Technology

An internal coating of silver nanoparticles can inhibit bacterial growth on the surfaces of the indoor unit.

\* Independent testing has found 91.47% elimination of the H3N2 virus in a 30m<sup>2</sup> closed room and 92.78% of Staphylococcus aureus bacteria in a 10m<sup>3</sup> closed room, for two hours on Health mode at the highest fan speed.

## Connected

The global No. 1 connected air conditioner brand\*, Haier makes life easier with convenient control of your Wi-Fi enabled appliances through the SmartHQ™ app.



### Intuitive Hands-Free Control

With voice control through Google Home Assistant or Amazon Alexa you can control your heat pump and ensure the perfect environment without getting off the couch. Try commands like 'Set the heat pump to 20 degrees', or 'Turn off the heat pump'.

### Control and Monitor

Control temperature, operating mode and fan speed, all from your SmartHQ™ app. Check if you remembered to turn the heat pump off, or set up a schedule to heat or cool your room to the perfect temperature.

### Control from Anywhere

Arrive home to comfort by remotely controlling your heat pump from anywhere.

### Connected Home

With Haier and Fisher & Paykel appliances able to be connected to the SmartHQ™ app, you can check in and manage all your other connected appliances, as well as control your air conditioner.

## Efficient Design

A combination of Intelligent Air, Coanda Plus Airflow and Turbo Cooling technologies work to deliver air around your space in a more intuitive way to warm or cool your space more quickly.

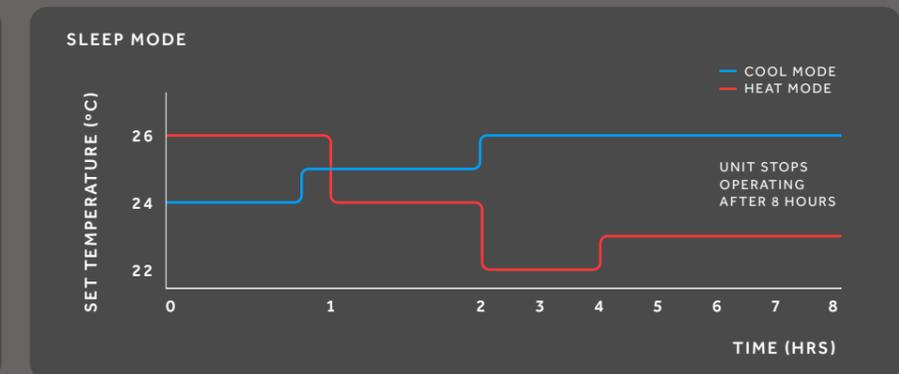


### R32 Refrigerant

R32 – the refrigerant used in your Pinnacle wall mounted split system to transfer heat between the indoor and outdoor units – has a Global Warming Potential (GWP) of 675, 66% lower than alternative refrigerants like R410A.\*

### Coanda Plus

In our 2.5-7kW models, Coanda Plus Airflow utilises technology from aircraft design, so that air flows further and faster to every corner of the room, giving you a more even and comfortable space.



### Intelligent Air

Intelligent Air directs cold air upwards and warm air downwards, for effective heating or cooling. Cool air is directed towards the ceiling avoiding a drafty chill on your neck from the cold airflow. The cool air then diffuses from the ceiling to the floor for total comfort.

### Far-Reaching Air Flow

With innovative fan and motor technology, air from your Pinnacle reaches long distances – as much as 20 metres with the 7kW model.

### Sleep Mode

A specially developed Sleep Mode raises, lowers and maintains the temperature of your bedroom throughout the night to create an ideal sleeping environment, hour by hour.

### Turbo Cooling

The Turbo program boosts the fan to work at a higher speed, bringing you a cool room in a shorter time.

\* Data source: Euromonitor International Ltd, research conducted in February 2023 based on 2022 retail volume sales data. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.

# Specifications

## Indoor Units

Model AS26PBDHRA (2.5kW)  
 Model AS35PBDHRA (3.5kW)  
 Model AS53PDDHRA (5.0kW)  
 Model AS71PDDHRA (7.0kW)



## Outdoor Units

Model 1U26MACFRA (2.5kW)  
 Model 1U35MACFRA (3.5kW)



Model 1U53RACFRA (5.0kW)  
 Model 1U71RACFRA (7.0kW)



## Controller

YR-HE, ver 2



- Simple button design
- Precise temperature control
- Clearer messaging with HEAT and COOL displayed in words on the remote buttons.

	Set	AS26PBDHRA-SET	AS35PBDHRA-SET	AS53PDDHRA-SET	AS71PDDHRA-SET
Model	Indoor	AS26PBDHRA	AS35PBDHRA	AS53PDDHRA	AS71PDDHRA
	Outdoor	1U26MADFRA	1U35MADFRA	1U53WADFRA	1U71WADFRA
ZERL Star Rating	Cooling (Hot/Avg/Cold)	4.5/4.0/4.0	3.5/3.5/3.5	3.5/3.0/3.5	2.5/2.5/2.5
	Heating (Hot/Avg/Cold)	3.5/3.0/2.0	3.0/2.5/1.5	3.0/2.5/2.0	2.5/2.0/1.5
Capacity (kW) Rated (Min-Max)	Cooling (kW)	2.5 (1.2 - 3.0)	3.5 (1.2 - 3.9)	5.0 (1.3 - 5.5)	7.0 (1.8 - 7.5)
	Heating (kW)	3.0 (1.2 - 3.6)	3.7 (1.3 - 4.3)	5.5 (1.4 - 6.2)	7.6 (1.8 - 8.2)
Power input (kW) Rated (Min-Max)	Cooling	0.56 (0.23 - 1.18)	0.92 (0.30 - 1.4)	1.30 (0.2 - 1.9)	2.12 (0.3 - 2.6)
	Heating	0.68 (0.21 - 1.5)	1.0 (0.29 - 1.7)	1.4 (0.2 - 2.5)	2.27 (0.3 - 2.7)
EER/AEER		4.46/4.40	3.80/3.76	3.85/3.82	3.30/3.29
COP/ACOP		4.41/4.36	3.70/3.66	3.93/3.91	3.35/3.29

### Electrical

Rated Load Amps (Amp)	Cooling	2.5	4.1	6.0	9.5
	Heating	2.9	4.4	6.4	10.0
MCA Max Circuit Amps (Amp)		7.2	8.1	11.0	12.2
Breaker size (Amp)		10	10	16	20
Power cable connection location		Outdoor			
Power supply (Ph/V/Hz)		1/220-240/50			

### Refrigeration

Refrigerant Type	R32			
Refrigerant Factory Charge (kg)	0.80	0.84	1.02	1.10
Pipe Size	Liquid Line mm (inch)	6.35 (¼)		
	Suction Line mm (inch)	9.52 (¾)		12.70 (½)
Pipe Length (Min-Max)	3-15		3-25	
Maximum Height Difference (m)	10		15	
Precharged up to a Length (m)	7		10	
Additional Refrigerant (grams/meter)	20			

### Indoor Unit

Model	AS26PBDHRA	AS35PBDHRA	AS53PDDHRA	AS71PDDHRA
Net dimensions - W/D/H (mm)	805/200/292	805/200/292	970/220/320	970/220/320
Net weight (kg)	8.7	8.7	11.6	11.6
Air Flow T/H/M/L Cooling (L/S)	155/133/97	180/152/125	260/228/195	305/260/220
Sound Pressure Level - SWL (dBA)	40/36/32/21	40/36/32/22	47/43/37/33	48/44/38/33
Remote	YR-HE			

### Outdoor Unit

Model	1U26MADFRA	1U35MADFRA	1U53WADFRA	1U71WADFRA
Net dimension (mm)	W/D/H			
	800/275/553	800/275/553	890/340/705	890/340/705
Net weight (kg)	29.7	30.0	43.2	43.5
Compressor Type	Rotary			
Sound Pressure Level (dBA)	51	53	53	54
Sound Power Level (dBA)	59	63	66	67

### Operating Temperature Range

Outdoor (Min-Max)	Cooling (kW)	-10°C to +46°C
Outdoor (Min-Max)	Heating (kW)	-15°C to +24°C

Notes: ZERL Zoned Energy Rating Label - residential air conditioning star rating based on GEMS 2019 Determination. Rated Load Amps (RLA) is based on nominal conditions. Use Maximum Circuit Amps (MCA) for power supply infrastructure sizing, etc. Test conditions are based on AS/NZS3823.1.1. Coanda airflow unavailable for AS90PFDHRA



## Our Brand

Empowering smarter, happier, and healthier living, Haier leads with smart technologies across a range of home appliances. Haier is the world's leading brand of connected air conditioners with an impressive market share of over 33% in volume sales in 2022\*.

39

Year History  
FOUNDED IN CHINA  
IN 1984



Experience  
OPERATING IN  
160 COUNTRIES



Quality  
10 R&D CENTRES  
GLOBALLY



Service  
NATIONWIDE  
SUPPORT

### Heating and Cooling Expertise

As one of the world's largest heating and cooling brands, Haier offers a comprehensive range of industrial, commercial, and residential air conditioning and water heating products. These are trusted in homes and businesses across the globe.

In Australasia, Haier's strength is complemented by Fisher & Paykel, a trusted brand that is now part of the Haier Group. Together, they leverage Haier's global reach and Fisher & Paykel's local service network to provide industry-leading products and support to our customers in Australia and New Zealand.

### 5 Year Warranty

Enjoy peace of mind with a 5 year manufacturer's warranty.

\* Data source: Euromonitor International Ltd, research conducted in February 2023 based on 2022 retail volume sales data. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.

# Haier

## Quartz Plus Heating and Cooling Wall-Mounted Split System

Our most energy efficient wall-mounted system for heating,  
with a premium, sleek design.



## Our Brand

Empowering smarter, happier, and healthier living, Haier leads with smart technologies across a range of home appliances. Haier is the number one brand of connected air conditioner (including smart air conditioner) and the number one brand of healthy Self-Clean air conditioner in the world, measured in terms of retail sales volume in 2023.\*



### Award Winning

#1 SMART AIR  
CONDITIONING BRAND  
IN THE WORLD\*



### Global Scale

OPERATING IN  
160 COUNTRIES



### Innovation + Quality

10 R&D CENTRES  
GLOBALLY



### Service + Support

NATIONWIDE  
SUPPORT

### Heating and cooling expertise

As one of the world's largest heating and cooling brands, Haier, founded in China in 1984, offers a comprehensive range of industrial, commercial, and residential air conditioning and water heating products. These are trusted in homes and businesses across the globe.

In Australasia, Haier's strength is complemented by Fisher & Paykel, a trusted brand that is now part of the Haier Group. Together, they leverage Haier's global reach and Fisher & Paykel's local service network to provide industry-leading products and support to our customers in Australia and New Zealand.

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\* Data source: Euromonitor International Ltd., measured in terms of retail sales volume in 2023, based on research completed by February 2024. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.

# Key Features Quartz Plus

2.5, 3.5, 5.0, 6.0, 7.1, 8.0kW



## More efficient heating

Quartz Plus is our most efficient model in terms of heating performance, meeting the requirements of many rebate and energy efficiency schemes.

## Inhibits airborne germs

Health mode uses UV Protect sterilisation – ultraviolet LED technology used in hospital surface disinfection – to help inhibit airborne bacteria and viruses. The built-in LED UV lights have been shown to inhibit airborne bacteria and viruses at more than 91% effectiveness under specific test conditions.\*

## Design beyond the surface

Unobtrusive, stylish design is coupled with innovative design features under the hood. A premium back-lit remote makes operation a breeze. Our hydrophilic Blue Fin coating helps to protect the outdoor unit from corrosion while Self-Clean on both indoor and outdoor units helps keep the heat exchanger clean.

## Intelligent airflow

Highly engineered airflow to automatically direct warm or cool air for ideal air circulation, air throw of up to 20m and Turbo Cool for fast cooling relief, all designed to create consistent comfort.

## Wi-Fi

We believe in integrating smart technology into the heart of every home. The SmartHQ™ app puts control in your hands and means you can control your heat pump from anywhere at anytime. Our products are also compatible with Google Home and Amazon Alexa.

## Tailored comfort

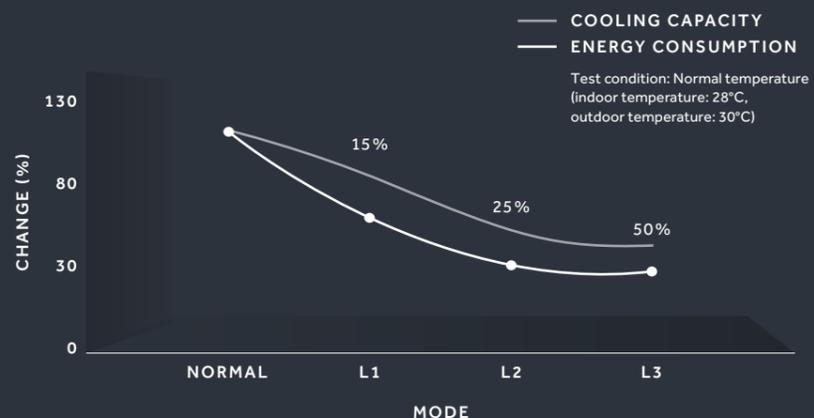
'I Feel' mode has been designed to provide personalised comfort. The remote control has a built-in temperature sensor; when you have the remote close at hand and activate the 'I Feel' mode, the air conditioner tailors the room's temperature to where you are.

\* Independent testing has found 91.47% elimination of the H3N2 virus in a 30m2 closed room and 92.78% of Staphylococcus aureus bacteria in a 10m3 closed room, for two hours on Health mode at the highest fan speed.

## Efficient Design

A combination of 3D Air Flow, Intelligent Air, Coanda Plus Airflow and Turbo Cooling technologies work to deliver air around your space in a more intuitive way to warm or cool your space more quickly.

### ENERGY SAVING: ECO MODE



### Energy efficiency

Our most energy efficient wall-mounted system for heating.\* Energy efficient innovations on all models including the DC inverter and Eco mode help to reduce how much power you use to heat or cool your home compared to models that don't have these features.

### Eco mode

Designed to save energy while maintaining a comfortable room temperature. In Eco mode, the heat pump adjusts its cooling or heating power to consume less electricity by running the compressor and fan at lower speeds or by cycling them on and off more frequently.

### Intelligent Air

Intelligent Air directs cold air upwards and warm air downwards, for effective heating or cooling. Cool air is directed towards the ceiling avoiding a drafty chill on your neck from the cold airflow. The cool air then diffuses from the ceiling to the floor for total comfort.

### 3D Airflow

For even comfort, our 3D Airflow means the airflow swings horizontally and vertically, evenly distributing the air throughout the space, even in large rooms. Say goodbye to cold corners with more consistent temperatures.

### Coanda Plus

In our 2.5-7kW models, Coanda Plus airflow utilises technology from aircraft design, so that air flows further and faster to every corner of the room, giving you a more even and comfortable space.

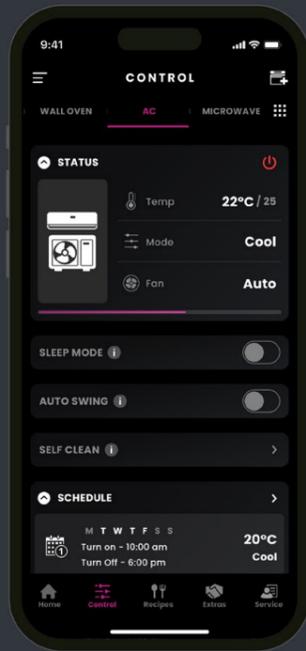
### Far-reaching air flow

With innovative fan and motor technology, air from your Quartz reaches long distances – as much as 20 metres with the 7kW model.

The Turbo program boosts the fan to work at a higher speed, bringing you a cool room in a shorter time.

## Connected

The global No. 1 connected air conditioner brand\*, Haier makes life easier with convenient control of your Wi-Fi enabled appliances through the SmartHQ™ app.



### Control from anywhere

Arrive home to comfort by remotely controlling your heat pump from anywhere.

### Intuitive hands-free control

With voice control through Google Home Assistant or Amazon Alexa you can control your heat pump and ensure the perfect environment without getting off the couch. Try commands like 'Set the heat pump to 20 degrees', or 'Turn off the heat pump'.

### Control and monitor

Control temperature, operating mode and fan speed, all from your SmartHQ™ app. Check if you remembered to turn the heat pump off, or set up a schedule to heat or cool your room to the perfect temperature.

### Connected living

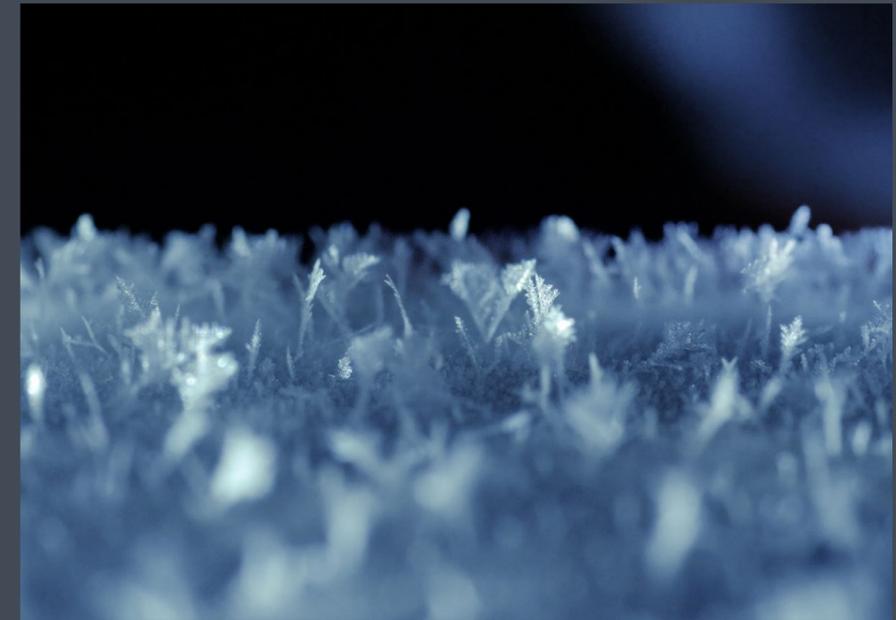
With Haier and Fisher & Paykel appliances able to be connected to the SmartHQ™ app, you can check in and manage all your other connected appliances, as well as control your heat pump.

## Healthy Air

Focusing on air quality, Haier has developed a range of technologies that help to keep your heat pump clean, functioning efficiently, and putting out fresh, clean air into your home.

### UV Protect

UV Protect helps to deliver clean air to your room using Health mode, with built-in LED UV lights that kill airborne Staphylococcus aureus bacteria and the H3N2 virus at more than 91% effectiveness under specific test conditions.\*\*



### Antibacterial technology

An internal coating of silver nanoparticles can inhibit bacterial growth on the surfaces of the indoor unit.

### Cleaner indoor air

The Self-Clean function rapidly removes unwanted dirt, mould, and dust. Self-Clean technology helps ensure clean airflow from your heat pump.

### Self-Clean on outdoor unit

In addition to the self-cleaning technology within the indoor unit, Quartz Plus has a Self-Clean function for the outdoor unit, helping avoid corrosion. By activating freeze-and-defrost Cold Expansion technology, which loosens, then flushes, salt and dirt away from the outdoor coil, you keep your outdoor unit cleaner, effortlessly.

\*Data source: Euromonitor International Ltd., measured in terms of retail sales volume in 2023, based on research completed by February 2024. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.

\*\*Independent testing has found 91.47% elimination of the H3N2 virus in a 30m<sup>2</sup> closed room and 92.78% of Staphylococcus aureus bacteria in a 10m<sup>2</sup> closed room, for two hours on Health mode at the highest fan speed.

# Specifications

## Indoor units

Model AS25QCFHRA (2.5kW)  
 Model AS35QCFHRA (3.5kW)  
 Model AS50QDFHRA (5.0kW)  
 Model AS60QEEHRA (6.0kW)  
 Model AS71QEFHRA (7.1kW)



## Model AS80QFFHRA (8.0kW)



## Outdoor units

Model 1U25MAFFRA (2.5kW)  
 Model 1U35MAFFRA (3.5kW)



Model 1U50WAFHRA (5.0kW)  
 Model 1U60KAEFRA (6.0kW)  
 Model 1U71WAFHRA (7.1kW)



## Model 1U80QAFFRA (8.0kW)



## Controller

Model YR-HJ



- Back-lit, easy to read screen
- Simple button design
- Precise temperature control

Model	Set	AS25QCFHRA-SET	AS35QCFHRA-SET	AS50QDFHRA-SET	AS60QEEHRA-SET	AS71QEFHRA-SET	AS80QFFHRA-SET
	Indoor	AS25QCFHRA	AS35QCFHRA	AS50QDFHRA	AS60QEEHRA	AS71QEFHRA	AS80QFFHRA
	Outdoor	1U25MAFFRA	1U35MAFFRA	1U50WAFHRA	1U60KAEFRA	1U71WAFHRA	1U80QAFFRA
Capacity (kW) Rated (min-max)	Cooling	2.5 (0.9-3.2)	3.5 (1.2-4.0)	5.0 (1.4-5.6)	6.0 (1.6-6.7)	7.1 (1.8-7.6)	8.0 (2.2-8.8)
	Heating (H1)	3.2 (0.9-3.8)	3.7 (1.3-4.2)	6.0 (1.5-6.5)	7.0 (1.8-7.5)	8.0 (2.2-8.6)	9.0 (2.6-10.5)
	Heating (H2)	3.4	3.7	5.8	6.2	7.6	8.5
Power input (kW) Rated (min-max)	Cooling	0.49 (0.18-1.05)	0.80 (0.25-1.30)	1.16 (0.36-1.90)	1.49 (0.41-1.95)	1.92 (0.48-2.70)	2.10 (0.55-2.90)
	Heating	0.69 (0.20-1.50)	0.83 (0.26-1.70)	1.48 (0.38-2.50)	1.73 (0.44-2.50)	2.15 (0.50-3.40)	2.29 (0.58-3.65)
EER/AEER		5.10/5.03	4.38/4.33	4.31/4.28	4.03/4.01	3.70/3.68	3.81/3.79
COP/ACOP		4.64/4.59	4.46/4.42	4.05/4.03	4.05/4.13	3.72/3.70	3.93/3.92
Star Rating (Hot/Avg/Cold)	Cooling	7.0/6.0/6.0	5.0/4.5/4.5	4.5/4.0/4.0	4.5/3.0/4.0	4.5/4.0/4.0	3.5/3.5/3.5
	Heating	4.0/3.5/3.0	3.5/3.0/2.5	3.5/3.0/2.5	2.5/4.5/2.0	3.0/2.5/2.0	3.5/3.0/2.0
TCSPF (Hot/Avg/Cold)	Residential	8.606/7.643/7.731	6.620/6.073/6.329	6.080/5.654/5.870	6.369/5.849/6.136	6.065/5.553/5.878	5.367/5.084/5.341
	Commercial	8.812/8.957/13.561	8.076/8.772/11.843	6.741/7.082/7.959	8.349/9.583/15.061	7.548/8.531/11.614	5.749/5.921/6.364
HSPF (Hot/Avg/Cold)	Residential	5.544/5.015/4.570	5.309/4.806/4.292	5.160/4.558/4.053	4.664/4.228/3.712	4.832/4.240/3.723	5.271/4.550/3.873
	Commercial	5.549/5.231/4.833	5.310/5.005/4.559	5.174/4.815/4.366	4.662/4.394/3.961	4.848/4.492/4.037	5.289/4.854/4.258

Electrical							
Rated load amps (RLA)	Cooling (Amp)	2.2	3.5	5.1	6.5	8.4	9.5
	Heating (Amp)	3.0	3.7	6.5	7.6	9.4	10.5
MCA max circuit amps (Amp)		7.0	7.5	11.0	13.0	15.0	16.5
Breaker size (Amp)		16	16	16	16	20	25
Suggested cable size (mm)		2.5	2.5	2.5	2.5	2.5	4.0
Power cable connection location		Outdoor					
Power supply (Ph/V/Hz)		1/220-240/50					

Refrigeration							
Refrigerant type		R32					
Refrigerant factory charge (kg)		1.00	1.02	1.02	1.30	1.42	1.62
Pipe size	Liquid line mm	6.35 (¼")					
	Suction line mm	9.52 (¾")		12.70 (½")			15.88 (¾")
Pipe length (min-max)		3-15			3-25		
Maximum height difference (m)		10			15		
Pre-charged up to a length (m)		7			10		
Additional refrigerant (grams/meter)		20					

Indoor unit							
Model		AS25QCFHRA	AS35QCFHRA	AS50QDFHRA	AS60QEEHRA	AS71QEFHRA	AS80QFFHRA
External dimension - W/D/H (mm)		307x875x217	307x875x217	320x970x220	345x1106x240	345x1106x240	365x1316x275
Net weight (kg)		10.0	10.0	11.6	15.5	15.5	21
Air flow T/H/M/L	Cooling (L/S)	240/195/145/105	260/210/165/115	310/265/215/170	345/295/252/210	365/310/270/225	380/335/285/230
Sound pressure level - SPL (H-L)		39-19	40-21	42-25	46-27	46-27	48-30
Remote		YR-HJ					

Outdoor unit							
Model		1U25MAFFRA	1U35MAFFRA	1U50WAFHRA	1U60KAEFRA	1U71WAFHRA	1U80QAFFRA
Net dimension - W/D/H (mm)		553x800x275	553x800x275	705x890x340	642x816x306	705x890x340	815x950x370
Net weight (kg)		30.0	30.0	43.2	37.5	44	52
Compressor type		Rotary					
Sound pressure level (dBA)		51	52	53	54	54	57
Sound power level (dBA)		61	63	65	67	69	70

Outdoor operating temperature range							
Outdoor (min-max)	Cooling	-10°C - 46°C					
Outdoor (min-max)	Heating	-15°C - +24°C					

Notes: ZERL Zoned Energy Rating Label - residential air conditioning star rating based on GEMS 2019 Determination. Rated Load Amps (RLA) is based on nominal conditions. Use Minimum Circuit Amps (MCA) for power supply infrastructure sizing, etc. Test conditions are based on AS/NZS3823.1.1.

# Haier

## Quartz Wall-Mounted Split System

Our most efficient heat pump with a premium, sleek design.



# Key Features

## Quartz

2.5, 3.5, 5.0, 6.0, 7.1, 9.0kW



### Ten-Star Energy Rating\*

Haier's most efficient wall-mounted heat pump, the Quartz 2.5kW model, receives a 10-star energy rating for cooling in the hot climate zone.

### Inhibits Airborne Germs

Health Mode uses UV Protect Sterilisation – ultraviolet LED technology used in hospital surface disinfection – to help inhibit airborne bacteria and viruses. The built-in LED UV lights have been shown to inhibit airborne bacteria and viruses at more than 91% effectiveness under specific test conditions.\*\*

### Design Beyond the Surface

Unobtrusive, stylish design is coupled with innovative design features under the hood. A premium back-lit remote makes operation a breeze. Our hydrophilic Blue Fin coating helps to protect the outdoor unit from corrosion while Self-clean on both indoor and outdoor units helps keep the heat exchanger clean.

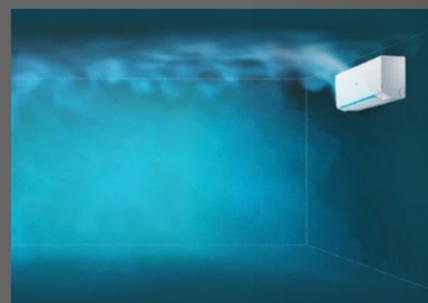
### Intelligent Airflow

Highly engineered airflow to automatically direct warm or cool air for ideal air circulation, air throw of up to 20m and Turbo Cool for fast cooling relief, all designed to create consistent comfort.

\* IU25MAEFRA/AS25QCEHRA rating published by energyrating.gov.au As tested to government regulations, actual usage may vary.  
 \*\* Independent testing has found 91.47% elimination of the H3N2 virus in a 30m2 closed room and 92.78% of Staphylococcus aureus bacteria in a 10m3 closed room, for two hours on Health mode at the highest fan speed.

## Efficient Design

A combination of 3D Air Flow, Intelligent Air, Coanda Plus Airflow and Turbo Cooling technologies work to deliver air around your space in a more intuitive way to warm or cool your space more quickly.



### Energy Efficiency

Our most energy efficient wall-mounted split system.\* Energy efficient innovations on all models including the DC inverter and eco mode help to reduce how much power you use to heat or cool your home compared to models that don't have these features.

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For even comfort, our 3D Airflow means the airflow swings horizontally and vertically, evenly distributing the air throughout the space, even in large rooms. Say goodbye to cold corners with more consistent temperatures.

### Intelligent Air

Intelligent Air directs cold air upwards and warm air downwards, for effective heating or cooling. Cool air is directed towards the ceiling avoiding a drafty chill on your neck from the cold airflow. The cool air then diffuses from the ceiling to the floor for total comfort.

### Turbo Cooling

The Turbo program boosts the fan to work at a higher speed, bringing you a cool room in a shorter time.

### Coanda Plus

In our 2.5-7kW models, Coanda Plus Airflow utilises technology from aircraft design, so that air flows further and faster to every corner of the room, giving you a more even and comfortable space.

### Far-Reaching Air Flow

With innovative fan and motor technology, air from your Quartz reaches long distances – as much as 20 metres with the 7kW model.



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Arrive home to comfort by remotely controlling your air conditioner from anywhere.

### Intuitive Hands-Free Control

With voice control through Google Home Assistant or Amazon Alexa you can control your air conditioner and ensure the perfect environment without getting off the couch. Try commands like 'Set the air conditioner to 20 degrees', or 'Turn off the air conditioner'.

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Control temperature, operating mode and fan speed, all from your SmartHQ™ app. Check if you remembered to turn the air conditioner off, or set up a schedule to heat or cool your room to the perfect temperature.

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## Healthy Air

Focusing on air quality, Haier has developed a range of technologies that help to keep your air conditioner clean, functioning efficiently, and putting out fresh, clean air into your home.



### UV Protect Sterilisation

UV Protect helps to deliver clean air to your room using Health mode, with built-in LED UV lights that kill airborne Staphylococcus aureus bacteria and the H3N2 virus at more than 91% effectiveness under specific test conditions.\*\*

### Antibacterial Technology

An internal coating of silver nanoparticles can inhibit bacterial growth on the surfaces of the indoor unit.

### Cleaner Indoor Air

The Self-clean function rapidly freezes and defrosts the coil to remove unwanted dirt, mould, and dust. Self-clean technology helps ensure clean airflow from your air conditioner.

### Self-Clean on Outdoor Unit

In addition to the self-cleaning technology within the indoor unit, Quartz has a self clean function for the outdoor unit, helping avoid corrosion. By activating freeze-and-defrost Cold Expansion technology, which loosens, then flushes, salt and dirt away from the outdoor coil, you keep your outdoor unit cleaner, effortlessly.

\* Data source: Euromonitor International Ltd, research conducted in February 2023 based on 2022 retail volume sales data. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.

\*\* Independent testing has found 91.47% elimination of the H3N2 virus in a 30m<sup>3</sup> closed room and 92.78% of Staphylococcus aureus bacteria in a 10m<sup>3</sup> closed room, for two hours on Health mode at the highest fan speed.

# Specifications

## Indoor Units

Model AS25QCEHRA (2.5kW)  
 Model AS35QCEHRA (3.5kW)  
 Model AS50QDEHRA (5.0kW)  
 Model AS60QEEHRA (6.0kW)  
 Model AS71QEEHRA (7.1kW)



Model AS90QFDHRA (9.0kW)



## Outdoor Units

Model 1U25MAEFRA (2.5kW)  
 Model 1U35MACFRA (3.5kW)



Model 1U50WAEFRA (5.0kW)  
 Model 1U60WAEFRA (6.0kW)  
 Model 1U71WAEFRA (7.1kW)



Model 1U90QADFRA (9.0kW)



## Controller

Model YR-HJ



- Back-lit, easy to read screen
- Simple button design
- Precise temperature control
- Clearer messaging with HEAT and COOL displayed in words on the remote buttons.

Set	AS25QCEHRA-SET	AS35QCEHRA-SET	AS50QDEHRA-SET	AS60QEEHRA-SET	AS71QEEHRA-SET	AS90QFDHRA-SET	
Model	Indoor	AS25QCEHRA	AS35QCEHRA	AS50QDEHRA	AS60QEEHRA	AS71QEEHRA	AS90QFDHRA
	Outdoor	1U25MAEFRA	1U35MACFRA	1U50WAEFRA	1U60KAEFRA	1U71WAEFRA	1U90QADFRA
Capacity (kW) Rated (Min~Max)	Cooling	2.5 (0.9~3.2)	3.5 (1.2~4.0)	5.0 (1.4~5.6)	6.0 (1.6~6.7)	7.1 (1.8~7.6)	9.0 (2.6~9.8)
	Heating (H1)	3.2 (0.9~3.6)	3.7 (1.3~4.2)	6.0 (1.5~6.5)	7.0 (1.8~7.5)	8.0 (2.2~8.6)	9.5 (3.0~11.0)
	Heating (H2)	2.9	3.1	4.6	6.2	6.65	7.3
Power input (kW) Rated (Min~Max)	Cooling	0.52 (0.18~1.05)	0.83 (0.25~1.30)	1.24 (0.36~1.90)	1.49 (0.41~1.95)	2.02 (0.48~2.70)	2.65 (0.67~3.30)
	Heating	0.70 (0.20~1.50)	0.86 (0.26~1.70)	1.48 (0.38~2.50)	1.73 (0.44~2.50)	2.28 (0.50~3.30)	2.66 (0.69~3.70)
EER/ AEER		4.81 / 4.73	4.22 / 4.17	4.03 / 4.00	4.03 / 4.01	3.51 / 3.49	3.40/3.37
COP / ACOP		4.57 / 4.52	4.30 / 4.26	4.05 / 4.02	4.05 / 4.13	3.51 / 3.49	3.57/3.54
Star Rating (Hot/Average/Cold)	Cooling	10.0 / 7.0 / 7.5	8.5 / 6.0 / 7.0	6.0 / 5.0 / 5.5	4.5 / 4.0 / 4.5	5.5 / 4.5 / 5.0	4.5/3.5/4.0
	Heating	3.0 / 3.0 / 2.5	3.5 / 3.0 / 2.0	3.5 / 2.5 / 2.0	3.0 / 2.5 / 2.0	3.0 / 2.5 / 2.0	2.5/2.0/1.5
TCSPF (Hot/Avg/Cold)	Residential	12.196/8.799/9.388	10.253/7.910/8.612	7.934/6.834/7.373	6.369/5.849/6.136	7.036/6.138/6.646	6.078/5.394/5.746
HSPF (Hot/Avg/Cold)	Residential	4.913/4.543/4.042	5.004/4.542/3.968	5.067/4.302/3.670	4.664/4.228/3.712	4.935/4.242/3.635	4.481/3.908/3.392

### Electrical

Rated Load Amps (RLA)	Cooling (Amp)	2.3	3.7	5.5	6.5	8.8	11.8
	Heating (Amp)	3.1	3.8	6.5	7.6	10.0	12.0
MCA Max Circuit Amps (Amp)		7.0	7.5	11.0	13	17.0	16.0
Breaker Size (Amp)		10	10	16	16	20	20
Power cable connection location		Outdoor					
Power supply (Ph/V/Hz)		1/220-240/50					

### Refrigeration

Refrigerant Type	R32					
Refrigerant Factory Charge (kg)	1.00	1.02	1.02	1.30	1.42	1.55
Pipe Size	Liquid Line mm	6.35 (¼")				
	Suction Line mm	9.52 (¾")		12.70 (½")		15.88 (¾")
Pipe Length (Min~Max)	3~15			3~25		
Maximum Height Difference (m)	10			15		
Pre-charged up to a Length (m)	7			10		
Additional Refrigerant (grams/meter)	20					

### Indoor Unit

Model	AS25QCEHRA	AS35QCEHRA	AS50QDEHRA	AS60QEEHRA	AS71QEEHRA	AS90QFDHRA		
External dimension – W/D/H (mm)	875x217x307	875x217x307	970x220x320	1106x240x345	1106x240x345	1316x275x365		
Net weight (kg)	10.0	10.0	11.6	15.5	15.5	21.5		
Air Flow T/H/M/L	Cooling (L/S)		240/195/145/105	260/210/165/115	310/265/215/170	345/295/252/210	365/310/270/225	380/330/285/230
	Sound Pressure Level – SPL (dBA)		40/36/32/21	40/36/32/22	47/43/37/33	48/44/38/33	48/44/38/33	48/42/36/30
Remote	YR-HJ							

### Outdoor Unit

Model	1U25MAEFRA	1U35MACFRA	1U50WAEFRA	1U60KAEFRA	1U71WAEFRA	1U90QADFRA
Net dimension – W/D/H (mm)	800x275x553	800x275x553	890x340x705	816x306x642	890x340x705	950x370x815
Net weight (kg)	30.0	30.0	43.2	37.5	44	51
Compressor Type	Rotary					
Sound Pressure Level (dBA)	51	52	53	54	54	56
Sound Power Level (dBA)	61	63	66	67	68	69

### Outdoor Operating Temperature Range

Outdoor (Min~Max)	Cooling	-10°C ~ +46°C
Outdoor (Min~Max)	Heating	-15°C ~ +24°C

Notes: ZERL Zoned Energy Rating Label – residential air conditioning star rating based on GEMS 2019 Determination. Rated Load Amps (RLA) is based on nominal conditions. Use Minimum Circuit Amps (MCA) for power supply infrastructure sizing, etc. Test conditions are based on AS/NZS3823.1.1.

## Our Brand

Empowering smarter, happier, and healthier living, Haier leads with smart technologies across a range of home appliances. Haier is the world's leading brand of connected air conditioners with an impressive market share of over 33% in volume sales in 2022\*.

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Year History  
FOUNDED IN CHINA  
IN 1984



Experience  
OPERATING IN  
160 COUNTRIES



Quality  
10 R&D CENTRES  
GLOBALLY



Service  
NATIONWIDE  
SUPPORT

### Heating and Cooling Expertise

As one of the world's largest heating and cooling brands, Haier offers a comprehensive range of industrial, commercial, and residential air conditioning and water heating products. These are trusted in homes and businesses across the globe.

In Australasia, Haier's strength is complemented by Fisher & Paykel, a trusted brand that is now part of the Haier Group. Together, they leverage Haier's global reach and Fisher & Paykel's local service network to provide industry-leading products and support to our customers in Australia and New Zealand.

### 5 Year Warranty

Enjoy peace of mind with a 5 year manufacturer's warranty.

\* Data source: Euromonitor International Ltd, research conducted in February 2023 based on 2022 retail volume sales data. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.